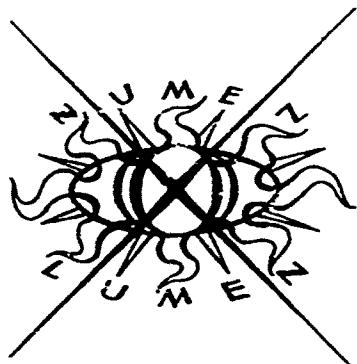


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TABLES OF THE TWO FACTOR AND THREE  
FACTOR GENERALIZED INCOMPLETE  
MODIFIED BESSEL DISTRIBUTIONS

Bernard Harris

Andrew P. Soms

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## ABSTRACT

Tables of the two-factor and three-factor generalized incomplete modified Bessel distributions are given along with a description of some of their applications in statistical inference, including their use in determining the reliability of systems of independent parallel components.

## TABLE OF CONTENTS

|   |     |
|---|-----|
| 1. Introduction . . . . .   | 1   |
| 2. Description of the Tables . . . . .  | 1   |
| 3. Interpolation and Asymptotics . . . . .  | 4   |
| 4. Applications and Examples . . . . .  | 7   |
| 5. References . . . . .   | 17  |
| 6. Table of the Density of the Two-Factor Generalized<br>Incomplete modified Bessel Distribution . . . . .                      | 18  |
| $u_2 = 0$ . . . . .   | 18  |
| $u_2 = 1$ . . . . .   | 30  |
| $u_2 = 2$ . . . . .   | 42  |
| $u_2 = 3$ . . . . .   | 53  |
| $u_2 = 4$ . . . . .   | 64  |
| $u_2 = 5$ . . . . .   | 75  |
| 7. Table of the Cumulative Distribution Function of the<br>Two-factor Generalized Incomplete Modified Bessel Distribution . . . | 86  |
| $u_2 = 0$ . . . . .   | 86  |
| $u_2 = 1$ . . . . .   | 98  |
| $u_2 = 2$ . . . . .   | 110 |
| $u_2 = 3$ . . . . .   | 121 |
| $u_2 = 4$ . . . . .   | 132 |
| $u_2 = 5$ . . . . .   | 143 |

|   |            |
|---|------------|
| <b>8. Table of the Density of the Three-Factor Generalized</b>              |            |
| <b>Incomplete Modified Bessel Distribution . . . . .</b>                    | <b>154</b> |
| $u_2 = 0, u_3 = 0 . . . . .$  | 154        |
| $u_2 = 1, u_3 = 0 . . . . .$  | 163        |
| $u_2 = 1, u_3 = 1 . . . . .$  | 172        |
| $u_2 = 2, u_3 = 0 . . . . .$  | 181        |
| $u_2 = 2, u_3 = 1 . . . . .$  | 189        |
| $u_2 = 2, u_3 = 2 . . . . .$  | 198        |
| $u_2 = 3, u_3 = 0 . . . . .$  | 206        |
| $u_2 = 3, u_3 = 1 . . . . .$  | 215        |
| $u_2 = 3, u_3 = 2 . . . . .$  | 223        |
| $u_2 = 3, u_3 = 3 . . . . .$  | 231        |
| <b>9. Table of the Cumulative Distribution Function of the Three-Factor</b> |            |
| <b>Generalized Incomplete Modified Bessel Distribution . . . . .</b>        | <b>240</b> |
| $u_2 = 0, u_3 = 0 . . . . .$  | 240        |
| $u_2 = 1, u_3 = 0 . . . . .$  | 249        |
| $u_2 = 1, u_3 = 1 . . . . .$  | 258        |
| $u_2 = 2, u_3 = 0 . . . . .$  | 267        |
| $u_2 = 2, u_3 = 1 . . . . .$  | 275        |
| $u_2 = 2, u_3 = 2 . . . . .$  | 284        |
| $u_2 = 3, u_3 = 0 . . . . .$  | 292        |
| $u_2 = 3, u_3 = 1 . . . . .$  | 301        |
| $u_2 = 3, u_3 = 2 . . . . .$  | 309        |
| $u_2 = 3, u_3 = 3 . . . . .$  | 317        |

TABLES OF THE TWO FACTOR AND THREE FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTIONS

Bernard Harris

Andrew P. Soms

1. Introduction. This report consists of tables of the two factor and three factor generalized incomplete modified Bessel distributions and a brief summary describing the probability mechanisms that give rise to these distributions and some of the possible applications of these tables to statistical problems. In particular, these tables have extensive application to the problem of assessing the reliability of a system of two or three independent parallel components, from data acquired from independent sequences of Bernoulli trials on the separate components. These questions and other closely related topics are discussed in the papers Harris [1] and Harris and Soms [2].

In the summary that follows, Section 2 provides the necessary definitions and a brief description of the tables. Section 3 deals with interpolation and the statement of some asymptotic results for use when values beyond the end of the table are required. Applications and examples are described in the fourth section.

The authors thank Verlyn Erickson for performing the considerable programming involved.

2. Description of the Tables. Let  $X_1(t), X_2(t), \dots, X_k(t)$  be  $k$  independent Poisson processes with intensities  $\lambda_1, \lambda_2, \dots, \lambda_k$  respectively. That is,

$$(1) \quad P\{X_1(t) = x_1, X_2(t) = x_2, \dots, X_k(t) = x_k\} = e^{-t} \prod_{i=1}^k \frac{\lambda_i^{x_i}}{x_i!} (t)^{x_i}$$

for  $t \geq 0$  and  $x_1, x_2, \dots, x_k$  specified non-negative integers. Let  $U_1(t) = X_1(t)$  and  $U_i(t) = X_i(t) - X_1(t)$  for  $i = 2, 3, \dots, k$ . Then from Harris [1],

$$(2) \quad P\{U_1(t) = u_1, U_2(t) = u_2, \dots, U_k(t) = u_k\} = \frac{e^{-\lambda_1 t} (\lambda_1 t)^{u_1}}{u_1!} \prod_{i=2}^k e^{-\lambda_i t} \frac{(\lambda_i t)^{u_i}}{(u_i + u_1)!}$$

for  $u_1 = 0, 1, 2, \dots, u_1 = -u_1, -u_1+1, -u_1+2, \dots, i = 2, 3, \dots, k$ . Consequently, the conditional distribution of  $U_1(t)$  given  $U_2(t) = u_2(t), U_3(t) = u_3(t), \dots, U_k(t) = u_k(t)$  is (see Harris [1]),

$$(3) \quad P_\theta\{U_1(t) = u_1 | U_2(t) = u_2, \dots, U_k(t) = u_k\} = \\ = (\theta t^k)^{u_1} / h(u_2, u_3, \dots, u_k; \theta, t) u_1! \prod_{i=2}^k (u_i + u_1)!$$

where  $\max(0, \max_{2 \leq i \leq k} (-u_i)) \leq u_1 < \infty$ ,  $t \geq 0$ ,  $\theta = \lambda_1 \lambda_2 \dots \lambda_k$ , and

$$(4) \quad h(u_2, u_3, \dots, u_k; \theta, t) = \sum_r (\theta t^k)^r / r! \prod_{i=2}^k (u_i + r)!,$$

the sum running from  $\max(0, \max_{2 \leq i \leq k} (-u_i))$  to  $\infty$ .

In particular, let  $k = 2$  and  $u_2 \geq 0$ . Then denoting the modified Bessel function of order  $v$  by  $I_v(x)$ , we have

$$(5) \quad h(u_2; \theta, t) = (\theta t^2)^{-u_2/2} I_{u_2}(2t\sqrt{\theta}).$$

Hence, we designate

$$(6) \quad \sum_{u_1=0}^u (\theta t^2)^{u_1} / u_1! (u_1 + u_2)! = (\theta t^2)^{-u_2/2} I_{u_2}(u, 2t\sqrt{\theta})$$

and thus

$$(7) \quad P\{U_1(t) \leq u | U_2(t) = u_2\} = I_{u_2}(u, 2t\sqrt{\theta}) / I_{u_2}(2t\sqrt{\theta})$$

and refer to this distribution as the "incomplete modified Bessel function".

Hence, by analogy with (7), we will call

$$(8) \quad P\{U_1(t) \leq u | U_2(t) = u_2, \dots, U_k(t) = u_k\} = G_{u_2, u_3, \dots, u_k, \theta, t}(u)$$

for  $u_i \geq 0$ ,  $i = 2, 3, \dots, k$ ,  $k > 2$ , the "generalized incomplete modified Bessel function".

We designate  $G_{u_2, u_3, \dots, u_k, \theta, t}(u)$  by  $G_{u_2, u_3, \dots, u_k, \theta}(u)$ ,

and from this point on we will assume  $t = 1$ . To use subsequent formulae for  $t \neq 1$  it suffices to replace  $\theta$  by  $\theta t^k$ . Now, if  $\max_{2 \leq i \leq k} (-u_i) > 0$ ,

let  $v = \max_{2 \leq i \leq k} (-u_i)$ . Then, if  $u_2 = -v$ ,

$$(9) \quad P\{U_1 \leq u | U_2 = u_2, \dots, U_k = u_k\} = G_{v, u_3+v, \dots, u_{k+v}, \theta}(u-v).$$

In the tables that follow, for  $k = 2$ ,  $u_2 = 0, 1, 2, 3, 4, 5$ , and for  $k = 3$ ,  $0 \leq u_3 \leq u_2 \leq 3$ , the individual terms and the cumulative distribution function are tabulated for  $\theta = 0.0 (.01) 0.5 (.1) 5.0 (.2) 15.0 (.5) 20.0 (1.0) 25.0 (5.0) 100$ . For each such  $(u_2, \theta)$  pair ( $(u_2, u_3, \theta)$  triple)  $h(u_2; \theta)$  ( $h(u_2, u_3; \theta)$ ) as defined by (4) is tabulated.

While these tables have been compiled as if  $t = 1$  in (3) or (7), replacement of  $\theta$  by  $\theta t^k$  permits the use of the tables for some pairs  $(\theta, t)$  where  $t \neq 1$ . Similarly, from (9), the tables are adaptable for some negative values of  $u_2$  or  $u_3$ .

3. Interpolation and Asymptotics. Through the range of the tables, naive linear interpolation should be satisfactory for most purposes. Note in particular that  $G_{u_2, u_3, \dots, u_k, \theta}(u)$  is a monotonic decreasing function of  $\theta$ . In Harris and Soms [3], it has also been shown that as  $\theta \rightarrow \infty$ ,

$$(10) \quad G_{u_2, u_3, \dots, u_k, \theta}(u) \sim \Phi(\sqrt{\theta}^{-1/k}(u - \theta^{1/k})),$$

where  $\Phi(x) = \frac{1}{\sqrt{2\pi}} \int_{-\infty}^x e^{-\frac{t^2}{2}} dt$ , that is, the standard normal distribution.

For  $k = 2$ , substantial improvement over the approximation (10) is obtained by the following modification. Interpret the probability mass function (3) as a continuous probability density function on  $[-\frac{1}{2}, \infty)$ , by replacing the point probabilities given by (3) by the corresponding histogram (i.e. step function), which is defined by

$$(11) \quad g_{u_2}^*(u, \theta) = P_\theta \{U_1 = u_1 | U_2 = u_2\}, \quad u_1 - \frac{1}{2} \leq u < u_1 + \frac{1}{2}.$$

Then, as  $\theta \rightarrow \infty$

$$(12) \quad \int_{-\frac{1}{2}}^u g_{u_2}^*(t, \theta) dt \sim \Phi(\sqrt{2\theta}^{-1/2}(u - (\theta^{1/2} - \frac{(2u_2 + 1)}{4}))).$$

In Table 1, some numerical comparisons are given using (12). In Table 2, the exact means and standard derivations are compared with the approximations used in (12).

Similarly, for  $k = 3$ , one improves the normal approximation (10) by employing the following approximation for the mean  $\mu$ :

$$(13) \quad \mu \sim \theta^{1/3} - \left( \frac{u_2 + u_3 + 1}{3} \right).$$

TABLE I

Comparison of Selected Percentiles  $u_p$  of the Histograms  $g_{u_2}^*(u, \theta)$  with the Corresponding Percentiles  $z_p$  of the Normal Approximation (12) for  $\theta = 100$ ,  $u_2 = 0, 1, \dots, 5$

| p   | $u_2 = 0$ |       | $u_2 = 1$ |       | $u_2 = 2$ |       | $u_2 = 3$ |       | $u_2 = 4$ |       | $u_2 = 5$ |                   |
|-----|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------------------|
|     | $u_p$     | $z_p$             |
| .01 | 4.83      | 4.55  | 4.50      | 4.05  | 3.90      | 3.55  | 3.58      | 3.05  | 3.14      | 2.55  | 2.78      | 2.05              |
| .05 | 6.16      | 6.07  | 5.70      | 5.57  | 5.24      | 5.07  | 4.80      | 4.57  | 4.50      | 4.07  | 4.04      | 3.57              |
| .10 | 6.89      | 6.88  | 6.47      | 6.38  | 5.95      | 5.88  | 5.51      | 5.38  | 5.13      | 4.85  | 4.77      | 4.38 <sup>1</sup> |
| .20 | 7.82      | 7.87  | 7.34      | 7.37  | 6.87      | 6.87  | 6.48      | 6.37  | 6.04      | 5.85  | 5.68      | 5.37              |
| .30 | 8.52      | 8.58  | 8.01      | 8.08  | 7.57      | 7.58  | 7.12      | 7.08  | 6.72      | 6.58  | 6.34      | 6.08              |
| .40 | 9.09      | 9.18  | 8.62      | 8.68  | 8.15      | 8.18  | 7.72      | 7.68  | 7.31      | 7.18  | 6.92      | 6.68              |
| .50 | 9.67      | 9.75  | 9.18      | 9.25  | 8.72      | 8.75  | 8.28      | 8.25  | 7.87      | 7.75  | 7.48      | 7.25              |
| .60 | 10.24     | 10.32 | 9.76      | 9.82  | 9.29      | 9.32  | 8.86      | 8.82  | 8.43      | 8.32  | 8.06      | 7.82              |
| .70 | 10.88     | 10.92 | 10.37     | 10.42 | 9.93      | 9.92  | 9.46      | 9.42  | 9.07      | 8.92  | 8.67      | 8.42              |
| .80 | 11.61     | 11.63 | 11.14     | 11.12 | 10.66     | 10.62 | 10.23     | 10.12 | 9.82      | 9.62  | 9.40      | 9.12              |
| .90 | 12.68     | 12.62 | 12.21     | 12.12 | 11.73     | 11.62 | 11.29     | 11.12 | 10.89     | 10.62 | 10.44     | 10.12             |
| .95 | 13.55     | 13.43 | 13.13     | 12.93 | 12.61     | 12.43 | 12.21     | 11.93 | 11.77     | 11.43 | 11.35     | 10.93             |
| .99 | 15.34     | 14.95 | 14.87     | 14.45 | 14.37     | 13.95 | 13.97     | 13.46 | 12.95     | 13.13 | 12.45     |                   |

TABLE 2

Comparison of the Means  $\mu(U, u_2)$  and Standard Deviations  $\sigma(U, u_2)$  of the "Incomplete Modified Bessel Function" with the Asymptotic Approximations  $\mu_A(u_2)$  and  $\sigma_A(u_2)$ , used in (12), for  $\theta = 100$

| $u_2$ | $\mu(U, u_2)$ | $\mu_A(u_2)$ | $\sigma(U, u_2)$ | $\sigma_A(u_2)$ |
|-------|---------------|--------------|------------------|-----------------|
| 0     | 9.75          | 9.75         | 2.236            | 2.236           |
| 1     | 9.26          | 9.25         | 2.235            | 2.236           |
| 2     | 8.80          | 8.75         | 2.230            | 2.236           |
| 3     | 8.36          | 8.25         | 2.223            | 2.236           |
| 4     | 7.96          | 7.75         | 2.212            | 2.236           |
| 5     | 7.57          | 7.25         | 2.199            | 2.236           |

Thus as  $\theta \rightarrow \infty$ ,

$$(14) \quad \int_{-1/2}^x g_{u_2, u_3}^*(u, \theta) du \rightarrow \Phi(\sqrt{3\theta^{-1/3}}(u - (\theta^{1/3} - \frac{(u_2+u_3+1)}{3}))).$$

4. Applications and Examples. This distribution arose in the construction confidence intervals for systems of independent parallel components. Here we discuss the use of these tables for this and other purposes.

Example 4.1. The reliability of parallel systems. Given a parallel system of two independent components, the probability of failure of the system is  $p_1 p_2$  where  $p_i$ ,  $i = 1, 2$ , are the failure probabilities of the two components. Then, assume an experiment is conducted in which  $n_1$  Bernoulli trials are made on the first component and  $n_2$  Bernoulli trials are made on the second component and  $x_1$  and  $x_2$  failures are observed respectively. Then we obtain an approximate upper confidence limit for  $p_1 p_2$  by employing the Poisson approximation to the binomial, that is setting  $(n_1 p_1)(n_2 p_2) = \lambda_1 \lambda_2 = \theta$ . The distribution tabulated here depends only on  $\theta$  and thus can be utilized here, namely, the  $1 - \alpha$  upper confidence limit for  $\theta$ ,  $\bar{\theta}$  is given by

$$(15) \quad \bar{\theta} = \sup \{ \theta : \sum_{u_1 \leq x_1} P\{U_1 = u_1 | U_2 = x_2 - x_1\} \geq \alpha \}.$$

Then, the corresponding approximate upper confidence limit  $\bar{p}$  for  $p_1 p_2$  is given by  $\bar{\theta} / n_1 n_2$ . This is illustrated by the following numerical example.

Let  $n_1 = n_2 = 100$ ,  $\alpha = .10$ ,  $x_1 = 1$ ,  $x_2 = 4$ . Then  $u_2 = x_2 - x_1 = 3$ .

Hence, we scan the tables for the largest  $\theta$  such that  $s(\theta) = I_3(1, 2\sqrt{\theta})/I_3(2\sqrt{\theta}) \geq .10$ .

We find that  $s(23) = .10510$  and  $s(24) = .09544$ . Linear interpolation gives  $\bar{\theta} = 23.6$  and hence  $\bar{p} = .00236$ .

The confidence intervals obtained by this procedure are known to be quite conservative. Exact  $1-\alpha$  confidence intervals can be obtained by the using randomized confidence intervals and such confidence intervals for  $\theta$  using the randomized form of (15) will in fact be uniformly most accurate unbiased confidence intervals (Lehmann [4], pp. 176-180).

For the above data, we choose a random number  $z$  on  $[0,1]$ , then we find that  $\theta$  for which

$$(16) \quad Q_z(\theta) = ((1-z) \frac{I_3(0, 2\sqrt{\theta})}{I_3(2\sqrt{\theta})} + z \frac{I_3(1, 2\sqrt{\theta})}{I_3(2\sqrt{\theta})}) = .10.$$

If, for example,  $z$  should be  $.5$ , then  $Q_{.5}(18.5) = .10131$  and  $Q_{.5}(19.0) = .09565$  and linear interpolation gives  $\bar{\theta} = 18.4$ .

Example 4.2. Let  $k=3$ ,  $n_1=n_2=n_3=100$ ,  $x_1=1$ ,  $x_2=2$ ,  $x_3=1$ , and  $\alpha=.10$ . Then  $u_2=1$ ,  $u_3=0$  and upon scanning the tables we find  $G_{1,0,35}(1) = .12610$  and  $G_{1,0,40}(1) = .099813$ . Hence, by linear interpolation, we get  $\bar{\theta} = 40.0$  and hence  $\bar{p} = .000040$ . Similarly, the randomized confidence limit for any  $z \in [0,1]$  is given by the solution of

$$(17) \quad Q_z(\theta) = ((1-z) G_{1,0,\theta}(0) + z G_{1,0,\theta}(1)) = .10$$

and for  $z = \frac{1}{2}$ , we find  $Q_{\frac{1}{2}}(25) = .11272$  and  $Q_{\frac{1}{2}}(30) = .08577$ . Linear

interpolation gives  $\bar{\theta} = 27.36$  and hence  $\bar{p} = .000027$ .

Example 4.3. Let  $k = 2$ ,  $n_1 = n_2 = 100$ ,  $x_1 = 6$  and  $x_2 = 9$ . Thus  $u_1 = 6$  and  $u_2 = 3$ . To find  $Q_{.5}(\theta)$  (see (16)), we need to solve

$$Q_{.5}(\theta) = .5 \frac{I_3(5, 2\sqrt{\theta})}{I_3(2\sqrt{\theta})} + .5 \frac{I_3(6, 2\sqrt{\theta})}{I_3(2\sqrt{\theta})}$$

for  $\theta$ . A cursory glance at the tables shows that  $\theta > 100$ , hence the asymptotic expression (12) should be employed. Thus, instead we will solve

$$(18) \quad \Phi(\sqrt{2\theta^{-1/2}}(u - (\theta^{1/2} - \frac{2u_2 + 1}{4}))) = .10$$

for  $\theta$ . Note that

$$\frac{I_3(5, 2\sqrt{\theta})}{I_3(2\sqrt{\theta})} \sim \int_{-.5}^{5.5} g_3^*(t, \theta) dt$$

and

$$\frac{I_3(6, 2\sqrt{\theta})}{I_3(2\sqrt{\theta})} \sim \int_{-.5}^{6.5} g_3^*(t, \theta) dt,$$

hence the randomization for  $z = .5$  is accomplished by setting  $u = 6$  in (18).

Thus we solve

$$\Phi(\sqrt{2\theta^{-1/2}}(6 - (\theta^{1/2} - 1.75))) = .10$$

or

$$\sqrt{2\theta^{-1/2}}(7.75 - \theta^{1/2}) = -1.282.$$

Squaring both sides we have

$$2\theta^{-1/2}(60.0625 - 15.50\theta^{1/2} + \theta) = 1.6435$$

or

$$120.125 - 31\theta^{1/2} + 2\theta - 1.6435\theta^{1/2} = 0,$$

a quadratic in  $\theta^{1/2}$ . This is easily solved giving  $\theta = 115.00$ . The actual value of  $Q_{.5}(115)$  is .0893, indicating that the exact solution is somewhat less than 115.

Example 4.4. Sequential testing of the reliability of parallel systems. We now present two numerical illustrations of the sequential test described in Harris and Soms [2]. Consider the sequence of pairs of binomial experiments  $(n_1, p_1, X_{1j}; n_2, p_2, X_{2j})$  and let  $\rho = p_1 p_2$ ,  $\lambda_1 = n_1 p_1$ ,  $\lambda_2 = n_2 p_2$ ,  $\theta = \lambda_1 \lambda_2$  and assume that  $X_{1j}$  and  $X_{2j}$  are independent Poisson random variables with parameters  $\lambda_1, \lambda_2$  respectively. Then fix  $\theta_0$  and  $\theta_1$  with  $\theta_0 < \theta_1$  and test the hypothesis  $H_0: \theta = \theta_0$  against the alternative  $H_1: \theta = \theta_1$  by computing after each observation  $u_{2j} = X_{2j} - X_{1j}$  and

$$(19) \quad Z_j = \log \left( \frac{h(u_{2j}, \theta_0)}{h(u_{2j}, \theta_1)} \right) + X_{1j} \log \left( \frac{\theta_1}{\theta_0} \right).$$

Continue sampling as long as

$$(20) \quad b = \log B < \sum_{j=1}^n Z_j < \log A = a,$$

reject  $H_0$  if  $\sum_{j=1}^n Z_j \geq \log A$  and accept  $H_0$  if  $\sum_{j=1}^n Z_j \leq \log B$ , where  $B = \frac{\beta}{1-\alpha}$

and  $A = \frac{1-\beta}{\alpha}$ ;  $\alpha$  and  $\beta$  are the preassigned probabilities of errors of the first and second kind respectively.

In the numerical illustrations that follow, base 10 logarithms have been used. Let  $n_1 = n_2 = 50$ ,  $\alpha = \beta = .05$ , thus  $b = -.27875$  and  $a = 1.27875$ . Choose  $\theta_0 = .10$  and  $\theta_1 = 1.00$ . This is the appropriate Poisson approximation for testing  $p_0 = .00004$  against  $p_1 = .00040$ . To make the artificial data below conform to reality, two random samples have been selected, the first from the Poisson populations with  $\lambda_1 = .125$ ,  $\lambda_2 = .8$  and the second from the Poisson populations with  $\lambda_1 = .5$ ,  $\lambda_2 = 1.0$ . For the first set of data  $H_0$  is true, for the second set, neither  $H_1$  nor  $H_0$  is true. The numerical illustrations follow.

| n | $X_{1j}(\lambda=.125)$ | $X_{2j}(\lambda=.8)$ | $U_2 = X_{2j} - X_{1j}$ | $Z_n$   | $\sum_{i=1}^n Z_i$ |
|---|------------------------|----------------------|-------------------------|---------|--------------------|
| 1 | 0                      | 2                    | 2                       | -1.2480 | -1.2480            |
| 2 | 0                      | 0                    | 0                       | -.31549 | -.44029            |
| 3 | 0                      | 2                    | 2                       | -.12480 | -.56509            |
| 4 | 0                      | 0                    | 0                       | -.31549 | -.88058            |
| 5 | 0                      | 1                    | 1                       | -.18004 | -1.06062           |
| 6 | 0                      | 0                    | 0                       | -.31549 | -1.37611           |

After the sixth observation, sampling stops and  $H_0$  is accepted.

| n | $X_{1j}(\lambda=5)$ | $X_{2j}(\lambda=1)$ | $U_2 = X_{2j} - X_{1j}$ | $Z_n$   | $\sum_{i=1}^n Z_i$ |
|---|---------------------|---------------------|-------------------------|---------|--------------------|
| 1 | 0                   | 2                   | 2                       | -.12480 | -.12480            |
| 2 | 3                   | 0                   | -3                      | -.09517 | -.21997            |
| 3 | 1                   | 0                   | -1                      | -.18004 | -.40001            |
| 4 | 4                   | 2                   | -2                      | 1.87520 | 1.47519            |

After the fourth observation, sampling stops and  $H_0$  is rejected.

Example 4.5. Inverse Sampling. D. S. Hwang [3] has given a technique for constructing exact confidence limits on  $\prod_{i=1}^k p_i$  if negative binomial sampling with parameters  $r_i$ ,  $1 \leq i \leq k$ , is used. His Corollary 3.1 relates the  $k$ -factor generalized incomplete modified Bessel distribution to his exact conditional distribution, under a certain convergence of the parameters, thus suggesting an asymptotic relationship between confidence intervals. However, his results are applicable to power function estimation, similar to that discussed in [2] between the binomial and Poisson distributions, and not to the result stated below dealing with confidence intervals. Consequently we depart from previous format and give the proof together with a numerical example, since this matter is not dealt with in [2]. In general, all the asymptotic relationships between the binomial and Poisson problems dealt with in [2] hold for the negative binomial and Poisson problems with suitable modifications.

For simplicity, consider the case of two populations, everything generalizing in a straightforward manner to  $k$  populations. Fix the values  $x_1, x_2$  of negative binomial random variables  $X_1, X_2$ , with parameters  $r_1, r_2$ , respectively. Denote the exact  $1-\alpha$  upper confidence limit obtained from [3] by  $\bar{\theta}_{r_1, r_2}$  and by  $\bar{\theta}$  the  $1-\alpha$  upper confidence limit obtained for  $\lambda_1 \lambda_2$  assuming  $X_1 = x_1$ ,  $X_2 = x_2$ , under the Poisson model. Then

$$(21) \quad \lim_{\substack{r_1 \rightarrow \infty \\ r_2 \rightarrow \infty}} r_1 r_2 \bar{\theta}_{r_1, r_2} = \bar{\theta}$$

and thus  $\bar{\theta}_{r_1, r_2}$  may be estimated by  $\frac{\bar{\theta}}{r_1 r_2}$ . For the sake of clarity we

mention that in a reliability context  $X_1$  is the number of failures preceding

the  $r_1$ th success, similarly for  $X_2$ , and  $p_i$  is the probability of failure of the  $i$ th component,  $i = 1, 2$ . The limiting assumptions are thus reasonable.

Proof:  $\bar{\theta}_{r_1, r_2}$  is the solution of the following equation in  $\theta$ :

$$(22) \quad \frac{\sum_{i=L}^{x_1} \left( \begin{array}{c} r_1 + i - 1 \\ i \end{array} \right) \left( \begin{array}{c} r_2 + u_2 + i - 1 \\ u_2 + i \end{array} \right) \theta^i}{\sum_{i=L}^{\infty} \left( \begin{array}{c} r_1 + i - 1 \\ i \end{array} \right) \left( \begin{array}{c} r_2 + u_2 + i - 1 \\ u_2 + i \end{array} \right) \theta^i} = \alpha,$$

where the confidence level is  $1-\alpha$ ,  $x_2 - x_1 = u_2$ , and  $L = \max(0, -u_2)$ .

Note that if  $L > 0$ , i.e.,  $L = -u_2, u_2 < 0$ , we may write (22) as

$$\frac{\sum_{i=0}^{x_2} \left( \begin{array}{c} r_2 + i - 1 \\ i \end{array} \right) \left( \begin{array}{c} r_1 - u_2 + i - 1 \\ -u_2 + i \end{array} \right) \theta^i}{\sum_{i=0}^{\infty} \left( \begin{array}{c} r_2 + i - 1 \\ i \end{array} \right) \left( \begin{array}{c} r_1 - u_2 + i - 1 \\ -u_2 + i \end{array} \right) \theta^i} = \alpha,$$

and that this is equivalent to permuting  $(x_1, x_2)$  and  $(r_1, r_2)$ . Thus without loss of generality we assume that  $L = 0$  in (22).

First we assert that  $r_1 r_2 \bar{\theta}_{r_1, r_2}$  as a function of  $r_1, r_2$ , for fixed  $x_1, x_2$ , and  $\alpha$ , is bounded. Suppose it is not. Then there exists a subsequence  $(r_{1j}, r_{2j})$ ,  $\bar{\theta}_j = \bar{\theta}_{r_{1j}, r_{2j}}$ ,  $r_{1j} \uparrow \infty$ ,  $r_{2j} \uparrow \infty$  such that  $\bar{\theta}_j \frac{(r_{1j}+i)(r_{2j}+u_2+i)}{(i+1)(u_2+i+1)} \rightarrow \infty$ ,

for  $i = x_1$ , and  $\geq 1$  for all  $j$ , all  $i$ ,  $0 \leq i \leq x_1 - 1$ . Write (22) as follows for  $\theta = \bar{\theta}_j$ :

$$(23) \quad \frac{\sum_{i=0}^{x_1} a_{i, r_{1j}, r_{2j}} \bar{\theta}_j^i}{\sum_{i=0}^{\infty} a_{i, r_{1j}, r_{2j}} \bar{\theta}_j^i} = \alpha,$$

and observe that  $\frac{a_{i+1, r_{1j}, r_{2j}} \bar{\theta}_j^{i+1}}{a_{i, r_{1j}, r_{2j}} \bar{\theta}_j^i} = \bar{\theta}_j \left( \frac{r_{1j} + i}{i+1} \right) \left( \frac{r_{2j} + u_2 + i}{u_2 + i+1} \right).$

By virtue of the properties of  $(r_{1j}, r_{2j}) \bar{\theta}_j$ , and (23) we have

$$(24) \quad \alpha = \frac{\sum_{i=0}^{x_1} a_i, r_{1j}, r_{2j} \bar{\theta}_j^i}{\sum_{i=0}^{\infty} a_i, r_{1j}, r_{2j} \bar{\theta}_j^i} \leq \frac{(x_1 + 1) a_{x_1, r_{1j}, r_{2j}} \bar{\theta}_j^{x_1}}{a_{x_1+1, r_{1j}, r_{2j}} \bar{\theta}_j^{x_1+1} + \sum_{\substack{i=0 \\ i \neq x_1}}^{\infty} a_i, r_{1j}, r_{2j} \bar{\theta}_j^i}$$

$$= \frac{x_1 + 1}{\delta + \bar{\theta}_j \frac{(r_{1j} + x_1)(r_{2j} + u_2 + x_1)}{(x_1 + 1)(u_2 + x_1 + 1)}},$$

where  $\delta > 0$ . This gives a contradiction, since the last expression  $\rightarrow 0$  as  $j \rightarrow \infty$ . Thus

$$(25) \quad r_1 r_2 \bar{\theta}_{r_1, r_2} < M, \text{ a constant.}$$

We can choose  $r_{10}$  and  $r_{20}$  such that  $r_1 \geq r_{10}$  and  $r_2 \geq r_{20}$  imply

$$(26) \quad \frac{M}{r_1 r_2} < \frac{1}{2}.$$

We will only consider such  $r_1, r_2$ . We have

$$(27) \quad \frac{1}{r_2^{u_2}} a_{i, r_1, r_2} \bar{\theta}_{r_1, r_2}^i = \frac{(r_1 r_2 \bar{\theta}_{r_1, r_2})^i}{i! (i + u_2)!} \left( \prod_{j=1}^i \left( 1 + \frac{j-1}{r_1} \right) \right) \frac{i+u_2}{\prod_{j=1}^i \left( 1 + \frac{j-1}{r_2} \right)},$$

where if the upper limit on " $\prod$ " is less than the lower, it is defined to be 1.

Thus, from (25) for fixed  $i$ ,

$$(28) \quad \lim_{\substack{r_1 \rightarrow \infty \\ r_2}} \frac{1}{r_2^{u_2}} a_{i, r_1, r_2} \bar{\theta}_{r_1, r_2}^i = \frac{(r_1 r_2 \bar{\theta}_{r_1, r_2})^i}{i! (i+u_2)!} .$$

From (25) and (27)

$$(29) \quad \frac{1}{r_2^{u_2}} a_{i, r_1, r_2} \bar{\theta}_{r_1, r_2}^i \leq \frac{1}{r_{20}^{u_2}} a_{i, r_{10}, r_{20}} \left( \frac{M}{r_{10} r_{20}} \right)^i .$$

Also, from (27),

$$(30) \quad \frac{1}{r_2^{u_2}} \sum_{i=0}^{\infty} a_{i, r_1, r_2} \bar{\theta}_{r_1, r_2}^i > \frac{1}{u_2!} \prod_{j=1}^{u_2} \left( 1 + \frac{j-1}{r_{20}} \right) = c_1 ,$$

and clearly

$$(31) \quad \sum_{i=0}^{\infty} \frac{(r_1 r_2 \bar{\theta}_{r_1, r_2})^i}{i! (i+u_2)!} > \frac{1}{u_2!} = c_2 ,$$

and from (25)

$$(32) \quad \frac{(r_1 r_2 \bar{\theta}_{r_1, r_2})^i}{i! (i+u_2)!} < \frac{M^i}{i! (i+u_2)!} .$$

Then, from (30) and (31)

$$(33) \quad \begin{aligned} & \left| \frac{\sum_{i=0}^{x_1} a_{i, r_1, r_2} \bar{\theta}_{r_1, r_2}^i}{\sum_{i=0}^{\infty} a_{i, r_1, r_2} \bar{\theta}_{r_1, r_2}^i} - \frac{\sum_{i=0}^{x_1} \frac{(r_1 r_2 \bar{\theta}_{r_1, r_2})^i}{i! (i+u_2)!}}{\sum_{i=0}^{\infty} \frac{(r_1 r_2 \bar{\theta}_{r_1, r_2})^i}{i! (i+u_2)!}} \right| \\ & \leq \frac{1}{c_1 c_2} \left| \left( \sum_{i=0}^{\infty} \frac{(r_1 r_2 \bar{\theta}_{r_1, r_2})^i}{i! (i+u_2)!} \right) \left( \frac{1}{r_2^{u_2}} \sum_{i=0}^{x_1} a_{i, r_1, r_2} \bar{\theta}_{r_1, r_2}^i \right) \right. \\ & \quad \left. - \left( \frac{1}{r_2^{u_2}} \sum_{i=0}^{\infty} a_{i, r_1, r_2} \bar{\theta}_{r_1, r_2}^i \right) \left( \sum_{i=0}^{x_1} \frac{(r_1 r_2 \bar{\theta}_{r_1, r_2})^i}{i! (i+u_2)!} \right) \right| , \end{aligned}$$

and from (28), (29), and (32) the right hand side of (33)  $\rightarrow 0$  as  $r_1 \rightarrow \infty$ ,  
 $r_2 \rightarrow \infty$ , i.e.

$$\lim_{\substack{r_1 \rightarrow \infty \\ r_2 \rightarrow \infty}} \frac{\sum_{i=0}^{x_1} a_i, r_1, r_2 \bar{\theta}_{r_1, r_2}^i}{\sum_{i=0}^{\infty} a_i, r_1, r_2 \bar{\theta}_{r_1, r_2}^i} = \frac{\sum_{i=0}^{x_1} \frac{(r_1 r_2 \bar{\theta}_{r_1, r_2})^i}{i! (i+u_2)!}}{\sum_{i=0}^{\infty} \frac{(r_1 r_2 \bar{\theta}_{r_1, r_2})^i}{i! (i+u_2)!}} .$$

$\frac{\sum_{i=0}^{x_1} \frac{\theta^i}{i!(i+u_2)!}}{\sum_{i=0}^{\infty} \frac{\theta^i}{i!(i+u_2)!}}$

Then the continuity and monotone likelihood ratio property of

imply that

$$\lim r_1 r_2 \bar{\theta}_{r_1, r_2} = \bar{\theta} ,$$

where  $\bar{\theta}$  is the unique solution of

$$\frac{\sum_{i=0}^{x_1} \frac{\theta^i}{i!(i+u_2)!}}{\sum_{i=0}^{\infty} \frac{\theta^i}{i!(i+u_2)!}} = \alpha ,$$

which is the desired conclusion.

To illustrate the above we consider the case where  $x_1 = x_2 = 0$ ,  
 $r_1 = r_2 = 200$ , and  $\alpha = .05$ . Then the exact upper confidence limit on  $p_1 p_2$   
given by solving (26) is .000134. The upper confidence limit on  $\lambda_1 \lambda_2$  obtained  
from the tables is 5.41. Thus the estimated upper confidence limit is

$$\frac{5.41}{(200)^2} = .000135, \text{ in good agreement with the exact value.}$$

### REFERENCES

1. Harris, B., Hypothesis testing and confidence intervals for products and quotients of Poisson parameters with applications to reliability, *J. Am. Statist. Ass.*, 66 (1971), 609-613.
2. Harris, B., and Soms, A.P., Generalized incomplete Bessel function distributions with applications to reliability, to be published.
3. Hwang, D. S., Interval estimation of functions of Bernoulli parameters with reliability and biomedical applications, Technical Report #152 University of Minnesota School of Statistics, 1971.
4. Lehman, E. L., Testing statistical hypotheses, John Wiley and Sons, New York, 1959 .

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 0$

| THETA = .00000+000 .10000-001 .20000-001 .30000-001 .40000-001 |              |            |            |            |            |
|--|--------------|------------|------------|------------|------------|
| -I-  | P(I)         |            |            |            |            |
| G  | .10000+001   | .99007+000 | .98030+000 | .97066+000 | .96117+000 |
| I  |              | .99007-002 | .19606-001 | .29120-0C1 | .38447-001 |
| 2  |              | .24752-004 | .98030-004 | .21840-003 | .38447-003 |
| H  | = .10000+001 | .10100+001 | .10201+001 | .10302+0C1 | .10404+001 |
| THETA = .50000-001 .60000-001 .70000-001 .80000-001 .90000-001 |              |            |            |            |            |
| -I-  | P(I)         |            |            |            |            |
| G  | .95181+003   | .94259+000 | .93350+000 | .92454+000 | .91571+000 |
| I  | .47591-001   | .56555-001 | .65345-001 | .73964-0C1 | .82414-001 |
| 2  | .59498-003   | .84837-003 | .11435-002 | .14793-002 | .18543-002 |
| 3  |              | .56555-005 | .88942-005 | .13149-004 | .18543-004 |
| H  | = .10506+001 | .10609+001 | .10712+001 | .10816+001 | .10920+001 |
| THETA = .10000+000 .11000+000 .12000+000 .13000+000 .14000+000 |              |            |            |            |            |
| -I-  | P(I)         |            |            |            |            |
| G  | .90701+000   | .89842+003 | .89996+000 | .88161+130 | .87338+000 |
| I  | .90701-001   | .98826-001 | .10680+000 | .11461+000 | .12227+000 |
| 2  | .22675-002   | .27177-0C2 | .32039-002 | .37248-002 | .42796-002 |
| 3  | .25195-004   | .33217-004 | .42718-004 | .53803-004 | .66571-004 |
| H  | = .11025+001 | .11131+001 | .11236+001 | .11343+001 | .11450+001 |
| THETA = .15000+000 .16000+000 .17000+000 .18000+000 .19000+000 |              |            |            |            |            |
| -I-  | P(I)         |            |            |            |            |
| G  | .86526+003   | .85725+000 | .84936+000 | .84156+000 | .83388+000 |
| I  | .12979+000   | .13716+000 | .14439+000 | .15148+000 | .15844+000 |
| 2  | .49671-002   | .54864-002 | .61366-002 | .68167-002 | .75257-002 |
| 3  | .81118-004   | .97536-004 | .11591-0C3 | .13633-003 | .15888-003 |
| H  | = .11557+001 | .11665+001 | .11774+001 | .11883+001 | .11992+001 |
| THETA = .20000+000 .21000+000 .22000+000 .23000+000 .24000+000 |              |            |            |            |            |
| -I-  | P(I)         |            |            |            |            |
| G  | .82629+000   | .81881+000 | .81142+000 | .80414+000 | .79695+000 |
| I  | .16526+003   | .17195+000 | .17851+000 | .18495+000 | .19127+000 |
| 2  | .82629-002   | .90274-002 | .98182-002 | .10635-0C1 | .11476-001 |
| 3  | .18362-003   | .21064-003 | .24000-003 | .27178-003 | .30603-003 |
| H  | = .12102+001 | .12213+001 | .12324+001 | .1243F+001 | .12548+001 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 0$

THETA = .25000+000 .26000+000 .27000+000 .28000+000 .29000+000

|     |  | P(I)           |            |            |            |            |
|-----|--|----------------|------------|------------|------------|------------|
| -I- |  | .78985+000     | .78284+000 | .77593+000 | .76910+000 | .76236+000 |
| 0   |  | .19746+000     | .20354+000 | .20950+000 | .21535+000 | .22108+000 |
| 1   |  | .12341-001     | .13230-001 | .14141-001 | .15074-001 | .16029-001 |
| 2   |  | .34282-003     | .38220-003 | .42424-003 | .46898-003 | .51648-003 |
| 3   |  | .53565-005     | .62108-005 | .71590-005 | .82072-005 | .93612-005 |
| 4   |  | H = .12661+001 | .12774+001 | .12888+001 | .13002+001 | .13117+001 |

THETA = .30000+000 .31000+000 .32000+000 .33000+000 .34000+000

|     |  | P(I)           |            |            |            |            |
|-----|--|----------------|------------|------------|------------|------------|
| -I- |  | .75571+000     | .74914+000 | .74265+000 | .73624+000 | .72992+000 |
| 0   |  | .22671+000     | .23223+000 | .23765+000 | .24296+000 | .24817+000 |
| 1   |  | .17003-001     | .17998-001 | .19012-001 | .20044-001 | .21095-001 |
| 2   |  | .56678-003     | .61993-003 | .67598-003 | .73496-003 | .79691-003 |
| 3   |  | .10627-004     | .12011-004 | .13520-004 | .15158-004 | .16934-004 |
| 4   |  | H = .13233+001 | .13349+001 | .13465+001 | .13582+001 | .13700+001 |

THETA = .35000+000 .36000+000 .37000+000 .38000+000 .39000+000

|     |  | P(I)           |            |            |            |            |
|-----|--|----------------|------------|------------|------------|------------|
| -I- |  | .72367+000     | .71750+000 | .71141+000 | .70539+000 | .69944+000 |
| 0   |  | .25329+003     | .25830+000 | .26322+000 | .26805+000 | .27278+000 |
| 1   |  | .22162-001     | .23247-001 | .24348-001 | .25464-001 | .26596-001 |
| 2   |  | .86187-003     | .92988-003 | .10010-002 | .10752-002 | .11525-002 |
| 3   |  | .18853-004     | .20922-004 | .23147-004 | .25535-004 | .28092-004 |
| 4   |  | H = .13818+001 | .13937+001 | .14057+001 | .14177+001 | .14297+001 |

THETA = .40000+000 .41000+000 .42000+000 .43000+000 .44000+000

|     |  | P(I)           |            |            |            |            |
|-----|--|----------------|------------|------------|------------|------------|
| -I- |  | .69357+000     | .68776+000 | .68203+000 | .67636+000 | .67077+000 |
| 0   |  | .27743+000     | .28198+000 | .28645+000 | .29084+000 | .29514+000 |
| 1   |  | .27743-001     | .28903-001 | .30077-001 | .31265-001 | .32465-001 |
| 2   |  | .12330-002     | .13167-002 | .14036-002 | .14938-002 | .15872-002 |
| 3   |  | .30825-004     | .33741-004 | .36845-004 | .40145-004 | .43648-004 |
| 4   |  | H = .14418+001 | .14540+001 | .14662+001 | .14785+001 | .14908+001 |

THETA = .45000+000 .46000+000 .47000+000 .48000+000 .49000+000

|     |  | P(I)           |            |            |            |            |
|-----|--|----------------|------------|------------|------------|------------|
| -I- |  | .66523+000     | .65977+000 | .65437+000 | .64903+000 | .64375+000 |
| 0   |  | .29936+000     | .30349+000 | .30755+000 | .31153+000 | .31544+000 |
| 1   |  | .33678-001     | .34902-001 | .36137-001 | .37384-001 | .38641-001 |
| 2   |  | .16839-002     | .17839-002 | .18872-002 | .19938-002 | .21038-002 |
| 3   |  | .47359-004     | .51286-004 | .55436-004 | .59814-004 | .64429-004 |
| 4   |  | H = .15032+001 | .15157+001 | .15282+001 | .15408+001 | .15534+001 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSSEL DISTRIBUTION

U2 = 0

| THE TAU = .50000+000 .60000+000 .70000+000 .80000+000 .90000+000 |              |            |            |            |            |
|--|--------------|------------|------------|------------|------------|
| -I- ----- P(I) -----   |              |            |            |            |            |
| 0  | .63854+000   | .58954+000 | .54572+000 | .50634+000 | .47083+000 |
| 1  | .31927+000   | .35373+000 | .38200+000 | .40507+000 | .42374+000 |
| 2  | .39908-001   | .53059-001 | .68850-001 | .81014-001 | .95342-001 |
| 3  | .22371-002   | .35373-002 | .51995-002 | .72013-002 | .95342-002 |
| 4  | .69286-004   | .13265-003 | .22748-003 | .36006-003 | .53630-003 |
| 5  |              |            | .63693-005 | .11522-004 | .19307-004 |
| H  | = .15661+001 | .16962+001 | .18325+001 | .19750+001 | .21239+001 |
| THE TAU = .10000+001 .11000+001 .12000+001 .13000+001 .14000+001 |              |            |            |            |            |
| -I- ----- P(I) -----   |              |            |            |            |            |
| 0  | .43868+000   | .40948+000 | .38288+000 | .35858+000 | .33633+000 |
| 1  | .43868+000   | .45043+000 | .45946+000 | .46616+000 | .47086+000 |
| 2  | .10967+000   | .12387+000 | .13784+000 | .15150+000 | .16480+000 |
| 3  | .12185-001   | .15139-001 | .18378-001 | .21884-001 | .25636-001 |
| 4  | .76159-003   | .10408-002 | .13784-002 | .17780-002 | .22431-002 |
| 5  | .30464-004   | .45796-004 | .66162-004 | .92458-004 | .12562-003 |
| 6  |              |            |            |            | .48850-005 |
| H  | = .22795+001 | .24421+001 | .26118+001 | .27888+001 | .29733+001 |
| THE TAU = .15000+001 .16000+001 .17000+001 .18000+001 .19000+001 |              |            |            |            |            |
| -I- ----- P(I) -----   |              |            |            |            |            |
| 0  | .31590+000   | .29710+000 | .27976+000 | .26374+000 | .24891+000 |
| 1  | .47385+000   | .47535+000 | .47559+000 | .47473+000 | .47293+000 |
| 2  | .17769+000   | .19014+000 | .20213+000 | .21363+000 | .22464+000 |
| 3  | .29615-001   | .33803-001 | .38179-001 | .42726-001 | .47425-001 |
| 4  | .27764-002   | .33803-002 | .40556-002 | .48067-002 | .56317-002 |
| 5  | .16659-003   | .21634-003 | .27585-003 | .34608-003 | .42801-003 |
| 6  | .69411-005   | .96150-005 | .13026-004 | .17304-004 | .22589-004 |
| H  | = .31656+001 | .33659+001 | .35745+001 | .37916+001 | .40175+001 |
| THE TAU = .20000+001 .21000+001 .22000+001 .23000+001 .24000+001 |              |            |            |            |            |
| -I- ----- P(I) -----   |              |            |            |            |            |
| 0  | .23516+000   | .22239+000 | .21052+000 | .19945+000 | .18912+000 |
| 1  | .47033+000   | .46703+000 | .46313+000 | .45873+000 | .45320+000 |
| 2  | .23516+000   | .24519+000 | .25472+000 | .26377+000 | .27234+000 |
| 3  | .52259-001   | .57211-001 | .62266-001 | .67408-001 | .72624-001 |
| 4  | .65323-002   | .75089-002 | .85615-002 | .96899-002 | .10894-001 |
| 5  | .52259-003   | .63075-003 | .75341-003 | .89147-003 | .10458-002 |
| 6  | .29033-004   | .36794-004 | .46042-004 | .56955-004 | .69719-004 |
| H  | = .42524+001 | .44965+001 | .47503+001 | .50138+001 | .52875+001 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = .0$

THETA= .25000+001 .26000+001 .27000+001 .28000+001 .29000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .17948+000   | .17046+000 | .16201+000 | .15410+000 | .14667+000 |
| 1   | .44870+000   | .44320+000 | .43744+000 | .43147+000 | .42533+000 |
| 2   | .28044+000   | .28808+000 | .29527+000 | .30203+000 | .30836+000 |
| 3   | .77900-001   | .83223-001 | .88582-001 | .93965-001 | .99362-001 |
| 4   | .12172-001   | .13524-001 | .14948-001 | .16444-001 | .18009-001 |
| 5   | .12172-002   | .14065-002 | .16144-002 | .18417-002 | .20891-002 |
| 6   | .84527-004   | .10158-003 | .12108-003 | .14324-003 | .16829-003 |
| 7   |              | .53899-005 | .66718-005 | .81854-005 | .99599-005 |
| H   | = .55716+001 | .58664+001 | .61723+001 | .64894+001 | .68182+001 |

THETA= .30000+001 .31000+001 .32000+001 .33000+001 .34000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .13968+000   | .13312+000 | .12694+000 | .12112+000 | .11563+000 |
| 1   | .41905+000   | .41267+000 | .40621+000 | .39969+000 | .39313+000 |
| 2   | .31429+000   | .31982+000 | .32496+000 | .32974+000 | .33416+000 |
| 3   | .10476+000   | .11016+000 | .11554+000 | .12090+000 | .12624+000 |
| 4   | .19643-001   | .21343-001 | .23109-001 | .24937-001 | .26826-001 |
| 5   | .23572-002   | .26466-002 | .29579-002 | .32916-002 | .36483-002 |
| 6   | .19643-003   | .22790-003 | .26292-003 | .30173-003 | .34456-003 |
| 7   | .12026-004   | .14418-004 | .17171-004 | .20321-004 | .23908-004 |
| H   | = .71590+001 | .75121+001 | .78778+001 | .82565+001 | .86485+001 |

THETA= .35000+001 .36000+001 .37000+001 .38000+001 .39000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .11044+000   | .10555+000 | .10092+000 | .96548-001 | .92405-001 |
| 1   | .38656+000   | .37998+000 | .37342+000 | .36688+000 | .36038+000 |
| 2   | .33824+000   | .34198+000 | .34541+000 | .34854+000 | .35137+000 |
| 3   | .13154+000   | .13679+000 | .14200+000 | .14716+000 | .15226+000 |
| 4   | .28774-001   | .30779-001 | .32838-001 | .34951-001 | .37314-001 |
| 5   | .40283-002   | .44321-002 | .48601-002 | .53125-002 | .57897-002 |
| 6   | .39164-003   | .44321-003 | .49951-003 | .56076-003 | .62722-003 |
| 7   | .27974-004   | .32562-004 | .37718-004 | .43488-004 | .49921-004 |
| H   | = .90543+001 | .94741+001 | .99084+001 | .10358+002 | .10822+002 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = C

| THETA = | .40000+001 | .41000+001 | .42000+001 | .43000+001 | .44000+001 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | P(I)       |            |            |
| 0       | .88481-001 | .84760-001 | .81231-001 | .77882-001 | .74700-001 |
| 1       | .35392+000 | .34752+000 | .34117+000 | .33489+000 | .32868+000 |
| 2       | .35392+000 | .35620+000 | .35823+000 | .36001+000 | .36155+000 |
| 3       | .15730+000 | .16227+000 | .16717+000 | .17200+000 | .17676+000 |
| 4       | .39325-001 | .41582-001 | .43883-001 | .46226-001 | .48608-001 |
| 5       | .62919-002 | .68194-002 | .73724-002 | .79509-002 | .85551-002 |
| 6       | .69911-003 | .77666-003 | .86011-003 | .94969-003 | .10456-002 |
| 7       | .57070-004 | .64986-004 | .73724-004 | .83340-004 | .93892-004 |
| 8       |            |            | .48381-005 | .55994-005 | .64551-005 |
| H =     | .11302+002 | .11798+002 | .12311+002 | .12840+002 | .13387+002 |

| THETA = | .45000+001 | .46000+001 | .47000+001 | .48000+001 | .49000+001 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | P(I)       |            |            |
| 0       | .71677-001 | .68803-001 | .66068-001 | .63465-001 | .60986-001 |
| 1       | .32255+000 | .31649+000 | .31052+000 | .30463+000 | .29883+000 |
| 2       | .36287+000 | .36397+000 | .36486+000 | .36556+000 | .36607+000 |
| 3       | .19143+000 | .18603+000 | .19054+000 | .19497+000 | .19931+000 |
| 4       | .51028-001 | .53483-001 | .55971-001 | .58490-001 | .61037-001 |
| 5       | .91851-002 | .98409-002 | .10523-001 | .11230-001 | .11963-001 |
| 6       | .11481-002 | .12574-002 | .13738-002 | .14973-002 | .16283-002 |
| 7       | .10544-003 | .11805-003 | .13177-003 | .14668-003 | .16283-003 |
| 8       | .74138-005 | .84845-005 | .96769-005 | .11001-004 | .12467-004 |
| H =     | .13951+002 | .14534+002 | .15136+002 | .15757+002 | .16397+002 |

| THETA = | .50000+001 | .52000+001 | .54000+001 | .56000+001 | .58000+001 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | P(I)       |            |            |
| 0       | .58624-001 | .54225-001 | .50219-001 | .46566-001 | .43228-001 |
| 1       | .29312+002 | .28197+000 | .27118+000 | .26077+000 | .25072+000 |
| 2       | .36640+000 | .36656+000 | .36610+000 | .36508+000 | .36355+000 |
| 3       | .20356+000 | .21179+000 | .21966+000 | .22716+000 | .23429+000 |
| 4       | .63611-001 | .69832-001 | .74135-001 | .79505-001 | .84928-001 |
| 5       | .32722-001 | .34317-001 | .36013-001 | .37809-001 | .39703-001 |
| 6       | .17670-002 | .20680-002 | .24020-002 | .27703-002 | .31744-002 |
| 7       | .18030-003 | .21946-003 | .26471-003 | .31661-003 | .37575-003 |
| 8       | .14086-004 | .17831-004 | .22335-004 | .27703-004 | .34052-004 |
| H =     | .17058+002 | .18442+002 | .19913+002 | .21475+002 | .23133+002 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0

THETA = .60000+001 .62000+001 .64000+001 .66000+001 .68000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .40173-001   | .37374-001 | .34805-001 | .32443-001 | .30270-001 |
| 1   | .24104+000   | .23172+000 | .22275+000 | .21412+000 | .20583+000 |
| 2   | .36156+000   | .35916+000 | .35640+000 | .35331+000 | .34992+000 |
| 3   | .24104+000   | .24742+000 | .25344+000 | .25909+000 | .26438+000 |
| 4   | .90390-001   | .95677-001 | .10138+000 | .10687+000 | .11236+000 |
| 5   | .21694-001   | .23777-001 | .25952-001 | .28215-001 | .30563-001 |
| 6   | .36156-002   | .40950-002 | .45137-002 | .51727-002 | .57730-002 |
| 7   | .44273-003   | .51814-003 | .60261-003 | .69674-003 | .80115-003 |
| 8   | .41506-004   | .50195-004 | .60261-004 | .71851-004 | .85122-004 |
| 9   |              |            | .47613-005 | .58545-005 | .71460-005 |
| H   | = .24892+002 | .26757+002 | .28732+002 | .30823+002 | .33036+002 |

THETA = .70000+001 .72000+001 .74000+001 .76000+001 .78000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .28267-001   | .26420-001 | .24713-001 | .23136-001 | .21675-001 |
| 1   | .19787+000   | .19022+000 | .18298+000 | .17583+000 | .16907+000 |
| 2   | .34627+000   | .34240+000 | .33833+000 | .33408+000 | .32968+000 |
| 3   | .26932+000   | .27392+000 | .27818+000 | .28211+000 | .28572+000 |
| 4   | .11783+000   | .12326+000 | .12866+000 | .13400+000 | .13929+000 |
| 5   | .32992-001   | .35500-001 | .38083-001 | .40737-001 | .43458-001 |
| 6   | .64152-002   | .71000-002 | .78281-002 | .86000-002 | .94159-002 |
| 7   | .91645-003   | .10433-002 | .11822-002 | .13339-002 | .14989-002 |
| 8   | .10024-003   | .11737-003 | .13669-003 | .15840-003 | .18267-003 |
| 9   | .86624-005   | .10433-004 | .12488-004 | .14862-004 | .17591-004 |
| H   | = .35377+002 | .37850+002 | .40464+002 | .43224+002 | .46136+002 |

THETA = .80000+001 .82000+001 .84000+001 .86000+001 .88000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .20322-001   | .19066-001 | .17901-001 | .16818-001 | .15811-001 |
| 1   | .16257+000   | .15634+000 | .15037+000 | .14464+000 | .13914+000 |
| 2   | .32515+000   | .32051+000 | .31577+000 | .31097+000 | .30610+000 |
| 3   | .28902+000   | .29202+000 | .29472+000 | .29715+000 | .29930+000 |
| 4   | .14451+000   | .14966+000 | .15473+000 | .15972+000 | .16461+000 |
| 5   | .46243-001   | .49088-001 | .51989-001 | .54942-001 | .57944-001 |
| 6   | .10276-001   | .11181-001 | .12131-001 | .13125-001 | .14164-001 |
| 7   | .16778-002   | .19711-002 | .20796-002 | .23036-002 | .25438-002 |
| 8   | .20972-003   | .23974-003 | .27294-003 | .30955-003 | .34977-003 |
| 9   | .20713-004   | .24270-004 | .28305-004 | .32865-004 | .37999-004 |
| H   | = .49209+002 | .52448+002 | .55863+002 | .59460+002 | .63247+002 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 0

| THETA= | .90000+001   | .92000+001 | .94000+001 | .96000+001 | .98000+001 |
|--------|--------------|------------|------------|------------|------------|
| -I-    |              |            | P(I)       |            |            |
| 0      | .14873-001   | .14000-001 | .13185-001 | .12425-001 | .11716-001 |
| 1      | .13386+000   | .12880+000 | .12394+000 | .11928+000 | .11482+000 |
| 2      | .30119+000   | .29624+000 | .29127+000 | .28628+000 | .28130+000 |
| 3      | .30119+000   | .30282+000 | .30421+000 | .30537+000 | .30630+000 |
| 4      | .16942+000   | .17412+000 | .17872+000 | .18322+000 | .18761+000 |
| 5      | .60990-001   | .64077-001 | .67200-001 | .70357-001 | .73543-001 |
| 6      | .15247-001   | .16375-001 | .17547-001 | .18762-001 | .20020-001 |
| 7      | .28006-002   | .30745-002 | .33661-002 | .36758-002 | .40040-002 |
| 8      | .39383-003   | .44196-003 | .49440-003 | .55137-003 | .61311-003 |
| 9      | .43759-004   | .50198-004 | .57374-004 | .65347-004 | .74179-004 |
| 10     |              |            | .53932-005 | .62733-005 | .72695-005 |
| H      | = .67234+002 | .71429+002 | .75841+002 | .80480+002 | .85355+002 |
| THETA= | .10000+002   | .10200+002 | .10400+002 | .10600+002 | .10800+002 |
| -I-    |              |            | P(I)       |            |            |
| 0      | .11053-001   | .10433-001 | .98522-002 | .93088-002 | .87996-002 |
| 1      | .11053+000   | .10641+000 | .10246+000 | .98673-001 | .95035-001 |
| 2      | .27632+000   | .27135+000 | .26640+000 | .26148+000 | .25660+000 |
| 3      | .30702+003   | .30753+000 | .30784+000 | .30797+000 | .30791+000 |
| 4      | .19189+000   | .19605+000 | .20010+000 | .20403+000 | .20784+000 |
| 5      | .76755-001   | .79988-001 | .83241-001 | .86509-001 | .89788-001 |
| 6      | .21321-001   | .22663-001 | .24047-001 | .25472-001 | .26936-001 |
| 7      | .43512-002   | .47177-002 | .51039-002 | .55103-002 | .59370-002 |
| 8      | .67987-003   | .75188-003 | .82939-003 | .91264-003 | .10019-002 |
| 9      | .83935-004   | .94681-004 | .10649-003 | .11943-003 | .13358-003 |
| 10     | .83935-005   | .96575-005 | .11075-004 | .12660-004 | .14427-004 |
| H      | = .90476+002 | .95854+002 | .10150+003 | .10743+003 | .11364+003 |
| THETA= | .11000+002   | .11200+002 | .11400+002 | .11600+002 | .11800+002 |
| -I-    |              |            | P(I)       |            |            |
| 0      | .83222-002   | .78743-002 | .74538-002 | .70589-002 | .66877-002 |
| 1      | .91844-001   | .88192-001 | .84373-001 | .81883-001 | .78915-001 |
| 2      | .25175+000   | .24694+000 | .24217+000 | .23746+000 | .23280+000 |
| 3      | .30769+000   | .30730+000 | .30675+000 | .30636+000 | .30523+000 |
| 4      | .21154+000   | .21511+000 | .21856+000 | .22149+000 | .22511+000 |
| 5      | .93076-001   | .96369-001 | .99664-001 | .10296+000 | .10625+000 |
| 6      | .28440-001   | .29981-001 | .31560-001 | .33176-001 | .34826-001 |
| 7      | .63845-002   | .68529-002 | .73426-002 | .78538-002 | .83867-002 |
| 8      | .10973-002   | .11993-002 | .13079-002 | .14235-002 | .15463-002 |
| 9      | .14902-003   | .16582-003 | .18408-003 | .20385-003 | .22526-003 |
| 10     | .16392-004   | .18572-004 | .20995-004 | .23648-004 | .26581-004 |
| H      | = .12016+003 | .12700+003 | .13416+003 | .14167+003 | .14953+003 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 0$

| THE TA = | .12000+002     | .12200+002 | .12400+002 | .12600+002 | .12800+002 |
|----------|----------------|------------|------------|------------|------------|
| -I-      | P(I)           |            |            |            |            |
| 0        | .63388-002     | .60104-002 | .57014-002 | .54103-002 | .51361-002 |
| 1        | .76065-001     | .73327-001 | .70697-001 | .68170-001 | .65742-001 |
| 2        | .22820+000     | .22365+000 | .21916+000 | .21474+000 | .21037+000 |
| 3        | .30426+002     | .30317+000 | .30195+000 | .30063+000 | .29920+000 |
| 4        | .22820+000     | .23117+000 | .23402+000 | .23675+000 | .23936+000 |
| 5        | .10953+000     | .11281+000 | .11607+000 | .11932+000 | .12255+000 |
| 6        | .36511-001     | .38230-001 | .39980-001 | .41762-001 | .43574-001 |
| 7        | .89415-002     | .95184-002 | .10117-001 | .10739-001 | .11383-001 |
| 8        | .16765-002     | .18144-002 | .19603-002 | .21142-002 | .22765-002 |
| 9        | .24838-003     | .27329-003 | .30009-003 | .32888-003 | .35974-003 |
| 10       | .29805-004     | .33341-004 | .37211-004 | .41438-004 | .46047-004 |
| 11       | H = .15776+003 | .16638+003 | .17540+003 | .18423+003 | .19470+003 |

| THE TA = | .13000+002 | .13200+002 | .13400+002 | .13600+002 | .13800+002 |
|----------|------------|------------|------------|------------|------------|
| -I-      | P(I)       |            |            |            |            |
| 0        | .48775-002 | .46337-002 | .44036-002 | .41864-002 | .39813-002 |
| 1        | .63408-001 | .61165-001 | .59008-001 | .56935-001 | .54941-001 |
| 2        | .20608+000 | .20184+000 | .19768+000 | .19358+000 | .18955+000 |
| 3        | .29766+000 | .29604+000 | .29432+000 | .29252+000 | .29064+000 |
| 4        | .24185+000 | .24423+000 | .24649+000 | .24864+000 | .25068+000 |
| 5        | .12576+000 | .12895+000 | .13212+000 | .13526+000 | .13837+000 |
| 6        | .45414-001 | .47283-001 | .49178-001 | .51099-001 | .53043-001 |
| 7        | .12049-001 | .12737-001 | .13449-001 | .14182-001 | .14939-001 |
| 8        | .24474-002 | .26271-002 | .28158-002 | .30138-002 | .32212-002 |
| 9        | .39279-003 | .42812-003 | .46583-003 | .50602-003 | .54879-003 |
| 10       | .51063-004 | .56512-004 | .62421-004 | .68818-004 | .75733-004 |
| 11       | .54861-005 | .61649-005 | .69127-005 | .77349-005 | .86373-005 |
| H =      | .20502+003 | .21581+003 | .22709+003 | .23887+003 | .25118+003 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0

| THE TAU = .14000+002 |              | .14200+002 | .14400+002 | .14600+002 | .14800+002 |
|----------------------|--------------|------------|------------|------------|------------|
| -I-                  |              | P(I)       |            |            |            |
| 0                    | .37875-002   | .36043-002 | .34310-002 | .32671-002 | .31121-002 |
| 1                    | .53024-001   | .51180-001 | .49407-001 | .47700-001 | .46058-001 |
| 2                    | .18559+000   | .18169+000 | .17726+000 | .17411+000 | .17042+000 |
| 3                    | .28869+000   | .28667+000 | .28458+000 | .28244+000 | .28024+000 |
| 4                    | .25260+000   | .25442+000 | .25612+000 | .25773+000 | .25922+000 |
| 5                    | .14146+000   | .14451+000 | .14753+000 | .15051+000 | .15346+000 |
| 6                    | .55011-001   | .57001-001 | .59011-001 | .61041-001 | .63089-001 |
| 7                    | .15717-001   | .16519-001 | .17342-001 | .18188-001 | .19055-001 |
| 8                    | .34382-002   | .36651-002 | .39020-002 | .41491-002 | .44056-002 |
| 9                    | .59426-003   | .64252-003 | .69368-003 | .74786-003 | .80515-003 |
| 10                   | .83196-004   | .91238-004 | .99890-004 | .10919-003 | .11916-003 |
| 11                   | .96260-005   | .10707-004 | .11888-004 | .13175-004 | .14575-004 |
| H                    | = .26403+003 | .27745+003 | .29146+003 | .30608+003 | .32133+003 |

| THE TAU = .15000+002 |              | .15500+002 | .16000+002 | .16500+002 | .17000+002 |
|----------------------|--------------|------------|------------|------------|------------|
| -I-                  |              | P(I)       |            |            |            |
| 0                    | .29652-002   | .26311-002 | .23388-002 | .20825-002 | .18573-002 |
| 1                    | .44478-001   | .40783-001 | .37421-001 | .34362-001 | .31574-001 |
| 2                    | .16679+000   | .15803+000 | .14969+000 | .14174+000 | .13419+000 |
| 3                    | .27799+000   | .27217+000 | .26611+000 | .25986+000 | .25347+000 |
| 4                    | .26062+000   | .26366+000 | .26611+000 | .26798+000 | .26931+000 |
| 5                    | .15637+000   | .16347+000 | .17031+000 | .17687+000 | .18313+000 |
| 6                    | .65154-001   | .70383-001 | .75693-001 | .81064-001 | .86480-001 |
| 7                    | .19945-001   | .22264-001 | .24716-001 | .27297-001 | .30003-001 |
| 8                    | .46746-002   | .53921-002 | .61790-002 | .70375-002 | .79696-002 |
| 9                    | .86567-003   | .10318-002 | .12205-002 | .14336-002 | .16726-002 |
| 10                   | .12985-003   | .15993-003 | .19529-003 | .23654-003 | .28435-003 |
| 11                   | .16097-004   | .20487-004 | .25823-004 | .32255-004 | .39950-004 |
| 12                   |              |            |            |            | .47163-005 |
| H                    | = .33724+003 | .38006+003 | .42756+003 | .48019+003 | .53841+003 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0

| THETA = .17500+002 |              | .18000+002 | .18500+002 | .19000+002 | .19500+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .16590-002   | .14842-002 | .13296-002 | .11928-002 | .10715-002 |
| 1                  | .29033-001   | .26715-001 | .24598-001 | .22663-001 | .20894-001 |
| 2                  | .12702+000   | .12022+000 | .11376+000 | .10765+000 | .10186+000 |
| 3                  | .24699+000   | .24043+000 | .23385+000 | .22726+000 | .22069+000 |
| 4                  | .27014+003   | .27049+000 | .27039+000 | .26987+000 | .26897+000 |
| 5                  | .18910+000   | .19475+000 | .20009+000 | .20510+000 | .20979+000 |
| 6                  | .91923-001   | .97375-001 | .10282+000 | .10825+000 | .11364+000 |
| 7                  | .32830-001   | .35771-001 | .38821-001 | .41974-001 | .45224-001 |
| 8                  | .89768-002   | .10060-001 | .11222-001 | .12461-001 | .13779-001 |
| 9                  | .19394-002   | .22357-002 | .25630-002 | .29229-002 | .33172-002 |
| 10                 | .33940-003   | .40242-003 | .47415-003 | .55536-003 | .64685-003 |
| 11                 | .49087-004   | .59864-004 | .72494-004 | .87205-004 | .10424-003 |
| 12                 | .59654-005   | .74830-005 | .93134-005 | .11506-004 | .14116-004 |
| H                  | = .60275+003 | .67378+003 | .75210+003 | .83837+003 | .93329+003 |

| THETA = .20000+002 |              | .21000+002 | .22000+002 | .23000+002 | .24000+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .96373-003   | .78252-003 | .63831-003 | .52292-003 | .43013-003 |
| 1                  | .19275-001   | .16433-001 | .14043-001 | .12027-001 | .10323-001 |
| 2                  | .96373-001   | .86272-001 | .77235-001 | .69156-001 | .61939-001 |
| 3                  | .21416+000   | .20130+000 | .18880+000 | .17673+000 | .16517+000 |
| 4                  | .26770+000   | .26421+000 | .25960+000 | .25405+000 | .24775+000 |
| 5                  | .21416+000   | .22194+000 | .22844+000 | .23373+000 | .23784+000 |
| 6                  | .11898+000   | .12946+000 | .13961+000 | .14933+000 | .15856+000 |
| 7                  | .48563-001   | .55484-001 | .62680-001 | .70092-001 | .77663-001 |
| 8                  | .15176-001   | .18206-001 | .21546-001 | .25189-001 | .29124-001 |
| 9                  | .37471-002   | .47200-002 | .58521-002 | .71526-002 | .86293-002 |
| 10                 | .74943-003   | .99120-003 | .12875-002 | .16451-002 | .20710-002 |
| 11                 | .12387-003   | .17203-003 | .23408-003 | .31270-003 | .41078-003 |
| 12                 | .17205-004   | .25087-004 | .35763-004 | .49946-004 | .68464-004 |
| 13                 |              |            | .46555-005 | .67973-005 | .97226-005 |
| H                  | = .10376+004 | .12779+004 | .15666+004 | .19123+004 | .23249+004 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 0$

| THETA = | .25000+002   | .30000+002 | .35000+002 | .40000+002 | .45000+002 |
|---------|--------------|------------|------------|------------|------------|
| -I-     | P(I)         |            |            |            |            |
| 0       | .35515-003   | .14329-003 | .61970-004 | .28327-004 | .13553-004 |
| 1       | .68787-002   | .42987-002 | .21689-002 | .11331-002 | .60987-003 |
| 2       | .55492-001   | .32241-001 | .18978-001 | .11331-001 | .68611-002 |
| 3       | .15414+000   | .10747+000 | .73804-001 | .50359-001 | .34305-001 |
| 4       | .24085+000   | .20150+000 | .16145+000 | .12590+000 | .96484-001 |
| 5       | .24085+000   | .24180+000 | .22602+000 | .20144+000 | .17367+000 |
| 6       | .16726+000   | .20150+000 | .21975+000 | .22382+000 | .21709+000 |
| 7       | .85336-001   | .12337+000 | .15696+000 | .18271+000 | .19937+000 |
| 8       | .33334-001   | .57829-001 | .85836-001 | .11419+000 | .14018+000 |
| 9       | .10288-001   | .21418-001 | .37091-001 | .56392-001 | .77878-001 |
| 10      | .25721-002   | .64255-002 | .12982-001 | .22557-001 | .35045-001 |
| 11      | .53142-003   | .15931-002 | .37550-002 | .74568-002 | .13033-001 |
| 12      | .92261-004   | .33190-003 | .91269-003 | .20713-002 | .40729-002 |
| 13      | .13648-004   | .58916-004 | .18902-003 | .49026-003 | .10845-002 |
| 14      |              | .90178-005 | .33753-004 | .10005-003 | .24859-003 |
| 15      |              |            | .52505-005 | .17787-004 | .49798-004 |
| 16      |              |            |            |            | .87536-005 |
| H       | = .28157+004 | .69788+004 | .16137+005 | .35302+005 | .73786+005 |

| THETA = | .50000+002   | .55000+002 | .60000+002 | .65000+002 | .70000+002 |
|---------|--------------|------------|------------|------------|------------|
| -I-     | P(I)         |            |            |            |            |
| 0       | .67377-005   | .34616-005 | .18300-005 | .99213-006 | .55004-006 |
| 1       | .33688-003   | .19039-003 | .10980-003 | .64488-004 | .38503-004 |
| 2       | .42110-002   | .26178-002 | .16470-002 | .10479-002 | .67380-003 |
| 3       | .23395-001   | .15998-001 | .10980-001 | .75684-002 | .52407-002 |
| 4       | .73108-001   | .54992-001 | .41175-001 | .30747-001 | .22928-001 |
| 5       | .14622+000   | .12098+000 | .98821-001 | .79941-001 | .64198-001 |
| 6       | .20308+000   | .18484+000 | .16470+000 | .14434+000 | .12483+000 |
| 7       | .20722+000   | .20747+000 | .20168+000 | .19147+000 | .17833+000 |
| 8       | .16189+000   | .17829+000 | .18907+000 | .19446+000 | .19505+000 |
| 9       | .99934-001   | .12106+000 | .14005+000 | .15605+000 | .16856+000 |
| 10      | .49967-001   | .66585-001 | .84032-001 | .10143+000 | .11799+000 |
| 11      | .20648-001   | .30266-001 | .41669-001 | .54488-001 | .68259-001 |
| 12      | .71693-002   | .11560-001 | .17362-001 | .24595-001 | .33182-001 |
| 13      | .21211-002   | .37621-002 | .61640-002 | .94597-002 | .13744-001 |
| 14      | .54110-003   | .10557-002 | .18869-002 | .31372-002 | .49085-002 |
| 15      | .12024-003   | .25806-003 | .50318-003 | .90629-003 | .15271-002 |
| 16      | .23485-004   | .55442-004 | .11793-003 | .23011-003 | .41757-003 |
| 17      |              | .10551-004 | .24484-004 | .51756-004 | .10114-003 |
| 18      |              |            | .45342-005 | .10383-004 | .21851-004 |
| 19      |              |            |            |            | .42371-005 |
| H       | = .14842+006 | .28889+006 | .54644+006 | .10079+007 | .18180+007 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 0$

| THETA = | .75000+002   | .80000+002 | .85000+002 | .90000+002 | .95000+002 |
|---------|--------------|------------|------------|------------|------------|
| -I-     | P(I)         |            |            |            |            |
| 0       | .31113-006   | .17921-006 | .10494-006 | .62383-007 | .37603-007 |
| 1       | .23335-004   | .14337-004 | .89198-005 | .56145-005 | .35722-005 |
| 2       | .43752-003   | .28673-003 | .18955-003 | .12633-003 | .84841-004 |
| 3       | .36460-002   | .25487-002 | .17302-002 | .12633-002 | .89554-003 |
| 4       | .17091-001   | .12744-001 | .95102-002 | .71058-002 | .53173-002 |
| 5       | .51272-001   | .40780-001 | .32335-001 | .25581-001 | .20206-001 |
| 6       | .10582+000   | .90622-001 | .76346-001 | .63952-001 | .53320-001 |
| 7       | .15350+000   | .14795+000 | .13244+000 | .11746+000 | .10338+000 |
| 8       | .19160+000   | .18494+000 | .17589+000 | .16518+000 | .15345+000 |
| 9       | .17740+000   | .18266+000 | .18458+000 | .18354+000 | .17997+000 |
| 10      | .13305+000   | .14613+000 | .15689+000 | .16518+000 | .17097+000 |
| 11      | .82471-001   | .96613-001 | .11021+000 | .12286+000 | .13423+000 |
| 12      | .42954-001   | .53674-001 | .65056-001 | .76790-001 | .88558-001 |
| 13      | .19062-001   | .25408-001 | .32721-001 | .40894-001 | .49781-001 |
| 14      | .72942-002   | .10370-001 | .14190-001 | .18778-001 | .24129-001 |
| 15      | .24314-002   | .36873-002 | .53507-002 | .75111-002 | .10188-001 |
| 16      | .71233-003   | .11523-002 | .17799-002 | .26406-002 | .37806-002 |
| 17      | .18486-003   | .31897-003 | .52351-003 | .82234-003 | .12427-002 |
| 18      | .42792-004   | .78758-004 | .13734-003 | .22843-003 | .36438-003 |
| 19      | .89902-005   | .17453-004 | .32338-004 | .56949-004 | .95891-004 |
| 20      |              |            | .68717-005 | .12813-004 | .22774-004 |
| 21      |              |            |            |            | .49060-005 |
| H       | = .32141+007 | .55801+007 | .95294+007 | .16030+008 | .26594+008 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 0$

$\Theta = .10000+003$

| -I- | P(I)         |  |
|-----|--------------|--|
| 0   | .22958-007   |  |
| 1   | .22958-005   |  |
| 2   | .57394-004   |  |
| 3   | .63772-003   |  |
| 4   | .39857-002   |  |
| 5   | .15943-001   |  |
| 6   | .44286-001   |  |
| 7   | .90379-001   |  |
| 8   | .14122+000   |  |
| 9   | .17434+000   |  |
| 10  | .17434+000   |  |
| 11  | .14408+000   |  |
| 12  | .10006+000   |  |
| 13  | .58206-001   |  |
| 14  | .30207-001   |  |
| 15  | .13425-001   |  |
| 16  | .52443-002   |  |
| 17  | .18146-002   |  |
| 18  | .56008-003   |  |
| 19  | .15515-003   |  |
| 20  | .38786-004   |  |
| 21  | .87951-003   |  |
| H   | = .43558+008 |  |

$U_2 = 1$

| $\Theta = .00000+000$ | $.10000-001$ | $.20000-001$ | $.30000-001$ | $.40000-001$ |
|-----------------------|--------------|--------------|--------------|--------------|
| -I-                   | P(I)         |              |              |              |
| 0                     | .10000+001   | .99502+000   | .99007+000   | .98515+000   |
| 1                     |              | .49751-002   | .99007-002   | .14777-001   |
| 2                     |              | .82918-005   | .33002-004   | .73886-004   |
| H                     | = .10000+001 | .10050+001   | .10100+001   | .10151+001   |

| $\Theta = .50000-001$ | $.60000-001$ | $.70000-001$ | $.80000-001$ | $.90000-001$ |
|-----------------------|--------------|--------------|--------------|--------------|
| -I-                   | P(I)         |              |              |              |
| 0                     | .97541+000   | .97059+000   | .96580+000   | .96104+000   |
| 1                     | .24385-001   | .29118-001   | .33803-001   | .38442-001   |
| 2                     | .20321-003   | .29118-003   | .39437-003   | .51256-003   |
| H                     | = .10252+001 | .10303+001   | .10354+001   | .10405+001   |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

THETA= .10000+000 .11000+000 .12000+000 .13000+000 .14000+000

|     |            |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| -I- | P(I)       |            |            |            |            |
| 0   | .95162+000 | .94695+000 | .94232+000 | .93771+000 | .93314+000 |
| 1   | .47581-001 | .52082-001 | .56539-001 | .60951-001 | .65320-001 |
| 2   | .79302-003 | .95485-003 | .11308-002 | .13206-002 | .15241-002 |
| 3   | .66085-005 | .87527-005 | .11308-004 | .14307-004 | .17781-004 |
| H = | .10508+001 | .10560+001 | .10612+001 | .10664+001 | .10717+001 |

THETA= .15000+000 .16000+000 .17000+000 .18000+000 .19000+000

|     |            |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| -I- | P(I)       |            |            |            |            |
| 0   | .92859+000 | .92408+000 | .91959+000 | .91513+000 | .91070+000 |
| 1   | .69644-001 | .73926-001 | .78165-001 | .82362-001 | .86517-001 |
| 2   | .17411-002 | .19714-002 | .22147-002 | .24709-002 | .27397-002 |
| 3   | .21764-004 | .26285-004 | .31375-004 | .37063-004 | .43378-004 |
| H = | .10769+001 | .10822+001 | .10874+001 | .10927+001 | .10981+001 |

THETA= .20000+000 .21000+000 .22000+000 .23000+000 .24000+000

|     |            |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| -I- | P(I)       |            |            |            |            |
| 0   | .90630+000 | .90192+000 | .89758+000 | .89326+000 | .88897+000 |
| 1   | .90630-001 | .94702-001 | .98734-001 | .10272+000 | .10668+000 |
| 2   | .30210-002 | .33146-002 | .35202-002 | .39378-002 | .42671-002 |
| 3   | .50350-004 | .59005-004 | .66371-004 | .75474-004 | .85341-004 |
| H = | .11034+001 | .11087+001 | .11141+001 | .11195+001 | .11249+001 |

THETA= .25000+000 .26000+000 .27000+000 .28000+000 .29000+000

|     |            |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| -I- | P(I)       |            |            |            |            |
| 0   | .88471+000 | .88047+000 | .87626+000 | .87208+000 | .86792+000 |
| 1   | .11059+000 | .11446+000 | .11830+000 | .12209+000 | .12585+000 |
| 2   | .46078-002 | .49600-002 | .53233-002 | .56976-002 | .60827-002 |
| 3   | .95997-004 | .10747-003 | .11977-003 | .13294-003 | .14700-003 |
| H = | .11303+001 | .11358+001 | .11412+001 | .11467+001 | .11522+001 |

THETA= .30000+000 .31000+000 .32000+000 .33000+000 .34000+000

|     |            |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| -I- | P(I)       |            |            |            |            |
| 0   | .86379+000 | .85968+000 | .85560+000 | .85155+000 | .84752+000 |
| 1   | .12957+000 | .13325+000 | .13690+000 | .14051+000 | .14408+000 |
| 2   | .64784-002 | .68846-002 | .73012-002 | .77278-002 | .81645-002 |
| 3   | .16196-003 | .17785-003 | .19470-003 | .21252-003 | .23133-003 |
| H = | .11577+001 | .11632+001 | .11688+001 | .11743+001 | .11799+001 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

THETA= .35000+000 .36000+000 .37000+000 .38000+000 .39000+000

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .84352+000   | .83954+000 | .83558+000 | .83165+000 | .82775+000 |
| 1   | .14762+000   | .15112+000 | .15458+000 | .15801+000 | .16141+000 |
| 2   | .86109-002   | .90670-002 | .95326-002 | .10008-001 | .10492-001 |
| 3   | .25115-003   | .27201-003 | .29392-003 | .31691-003 | .34098-003 |
| 4   |              |            | .54376-005 | .60212-005 | .66491-005 |
| H   | = .11855+001 | .11911+001 | .11968+001 | .12024+001 | .12081+001 |

THETA= .40000+000 .41000+000 .42000+000 .43000+000 .44000+000

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .82387+000   | .82001+000 | .81618+000 | .81237+000 | .80858+000 |
| 1   | .16477+000   | .16810+000 | .17140+000 | .17466+000 | .17789+000 |
| 2   | .10985-001   | .11487-001 | .11998-001 | .12517-001 | .13045-001 |
| 3   | .36616-003   | .39247-003 | .41992-003 | .44853-003 | .47832-003 |
| 4   | .73233-005   | .80457-005 | .88184-005 | .96435-005 | .10523-004 |
| H   | = .12138+001 | .12195+001 | .12252+001 | .12310+001 | .12367+001 |

THETA= .45000+000 .46000+000 .47000+000 .48000+000 .49000+000

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .80481+000   | .80107+000 | .79735+000 | .79366+000 | .78999+000 |
| 1   | .18108+000   | .18425+000 | .18738+000 | .19048+000 | .19355+000 |
| 2   | .13581-001   | .14126-001 | .14678-001 | .15238-001 | .15806-001 |
| 3   | .50930-003   | .54148-003 | .57489-003 | .60953-003 | .64542-003 |
| 4   | .11459-004   | .12454-004 | .13510-004 | .14629-004 | .15813-004 |
| H   | = .12425+001 | .12483+001 | .12541+001 | .12600+001 | .12658+001 |

THETA= .50000+000 .60000+000 .70000+000 .80000+000 .90000+000

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .78633+000   | .75101+000 | .71772+000 | .68633+000 | .65669+000 |
| 1   | .19658+000   | .22530+000 | .25120+000 | .27453+000 | .29551+000 |
| 2   | .16382-001   | .22530-001 | .29307-001 | .36604-001 | .44326-001 |
| 3   | .68258-003   | .11265-002 | .17096-002 | .24403-002 | .33245-002 |
| 4   | .17065-004   | .33795-004 | .59835-004 | .97611-004 | .14960-003 |
| H   | = .12717+001 | .13315+001 | .13933+001 | .14570+001 | .15228+001 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

| THETA = .10000+001 |              | .11000+001 | .12000+001 | .13000+001 | .14000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .62868+000   | .60219+000 | .57712+000 | .55336+000 | .53085+000 |
| 1                  | .31434+000   | .33120+000 | .34627+000 | .35969+000 | .37159+000 |
| 2                  | .52390-001   | .60721-001 | .69254-001 | .77932-001 | .86705-001 |
| 3                  | .43658-002   | .55661-002 | .69254-002 | .84427-002 | .10116-001 |
| 4                  | .21829-003   | .30613-003 | .41552-003 | .54877-003 | .70809-003 |
| 5                  | .72764-005   | .11225-004 | .16621-004 | .23780-004 | .33044-004 |
| H                  | = .15906+001 | .16606+001 | .17327+001 | .18071+001 | .18838+001 |

| THETA = .15000+001 |              | .16000+001 | .17000+001 | .18000+001 | .19000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .50948+000   | .48919+000 | .46992+000 | .45160+000 | .43416+000 |
| 1                  | .38211+000   | .39136+000 | .39943+000 | .40644+000 | .41245+000 |
| 2                  | .95527-001   | .10436+000 | .11317+000 | .12193+000 | .13061+000 |
| 3                  | .11941-001   | .13915-001 | .16033-001 | .18290-001 | .20680-001 |
| 4                  | .89557-003   | .11132-002 | .13628-002 | .16461-002 | .19646-002 |
| 5                  | .44778-004   | .59370-004 | .77224-004 | .98764-004 | .12442-003 |
| 6                  |              |            |            |            | .56287-005 |
| H                  | = .19628+001 | .20442+001 | .21280+001 | .22144+001 | .23033+001 |

| THETA = .20000+001 |              | .21000+001 | .22000+001 | .23000+001 | .24000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .41757+000   | .40176+000 | .38669+000 | .37232+000 | .35862+000 |
| 1                  | .41757+000   | .42185+000 | .42536+000 | .42817+000 | .43034+000 |
| 2                  | .13919+000   | .14765+000 | .15597+000 | .16413+000 | .17214+000 |
| 3                  | .23198-001   | .25838-001 | .28594-001 | .31459-001 | .34427-001 |
| 4                  | .23198-002   | .27130-002 | .31453-002 | .36178-002 | .41313-002 |
| 5                  | .15465-003   | .18991-003 | .23066-003 | .27736-003 | .33050-003 |
| 6                  | .73645-005   | .94955-005 | .12082-004 | .15189-004 | .18886-004 |
| H                  | = .23948+001 | .24891+001 | .25850+001 | .26858+001 | .27885+001 |

| THETA = .25000+001 |              | .26000+001 | .27000+001 | .28000+001 | .29000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .34553+000   | .33303+000 | .32109+000 | .30967+000 | .29875+000 |
| 1                  | .43191+000   | .43294+000 | .43347+000 | .43354+000 | .43318+000 |
| 2                  | .17996+000   | .18761+000 | .19506+000 | .20232+000 | .20937+000 |
| 3                  | .37492-001   | .40648-001 | .43889-001 | .47207-001 | .50598-001 |
| 4                  | .46866-002   | .52843-002 | .59250-002 | .66090-002 | .73368-002 |
| 5                  | .39055-003   | .45797-003 | .53325-003 | .61684-003 | .70922-003 |
| 6                  | .23247-004   | .28351-004 | .34280-004 | .41123-004 | .48970-004 |
| H                  | = .29941+001 | .30027+001 | .31144+001 | .32293+001 | .33473+001 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 1$

$\Theta = .30000+001 .31000+001 .32000+001 .33000+001 .34000+001$

|     |              | P(I)       |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| -I- |              |            |            |            |            |  |
| 0   | .28830+000   | .27829+000 | .26871+000 | .25953+000 | .25073+000 |  |
| 1   | .43244+000   | .43135+000 | .42993+000 | .42822+000 | .42624+000 |  |
| 2   | .21622+000   | .22287+000 | .22930+000 | .23552+000 | .24153+000 |  |
| 3   | .54056-001   | .57573-001 | .61146-001 | .64768-001 | .68435-001 |  |
| 4   | .81083-002   | .89239-002 | .97834-002 | .10687-001 | .11634-001 |  |
| 5   | .81083-003   | .92214-003 | .10436-002 | .11755-002 | .13185-002 |  |
| 6   | .57917-004   | .68062-004 | .79510-004 | .92364-004 | .10674-003 |  |
| 7   |              |            |            | .54429-005 | .64804-005 |  |
| H   | = .34686+001 | .35934+001 | .37215+001 | .38531+001 | .39884+001 |  |

$\Theta = .35000+001 .36000+001 .37000+001 .38000+001 .39000+001$

|     |              | P(I)       |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| -I- |              |            |            |            |            |  |
| 0   | .24229+000   | .23419+000 | .22643+000 | .21897+000 | .21181+000 |  |
| 1   | .42401+000   | .42155+000 | .41889+000 | .41604+000 | .41303+000 |  |
| 2   | .24734+000   | .25293+000 | .25831+000 | .26349+000 | .26847+000 |  |
| 3   | .72140-001   | .75879-001 | .79647-001 | .83439-001 | .87252-001 |  |
| 4   | .12624-001   | .13658-001 | .14735-001 | .15854-001 | .17014-001 |  |
| 5   | .14729-002   | .16390-002 | .18173-002 | .20081-002 | .22118-002 |  |
| 6   | .12274-003   | .14048-003 | .16009-003 | .18169-003 | .20538-003 |  |
| 7   | .76711-005   | .90311-005 | .10578-004 | .12329-004 | .14304-004 |  |
| H   | = .41273+001 | .42700+001 | .44164+001 | .45668+001 | .47212+001 |  |

$\Theta = .40000+001 .41000+001 .42000+001 .43000+001 .44000+001$

|     |              | P(I)       |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| -I- |              |            |            |            |            |  |
| 0   | .20493+003   | .19832+000 | .19196+000 | .18585+000 | .17998+000 |  |
| 1   | .40986+000   | .40655+000 | .40312+000 | .39959+000 | .39595+000 |  |
| 2   | .27324+000   | .27781+000 | .28219+000 | .28637+000 | .29036+000 |  |
| 3   | .91080-001   | .94919-001 | .98766-001 | .10262+000 | .10647+000 |  |
| 4   | .18216-001   | .19458-001 | .20741-001 | .22062-001 | .23423-001 |  |
| 5   | .24288-002   | .26593-002 | .29037-002 | .31623-002 | .34353-002 |  |
| 6   | .23131-003   | .25960-003 | .29037-003 | .32376-003 | .35989-003 |  |
| 7   | .16522-004   | .19006-004 | .21778-004 | .24860-004 | .28277-004 |  |
| H   | = .49797+001 | .50424+001 | .52093+001 | .53806+001 | .55563+001 |  |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 1$

THETA = .45000+001 .46000+001 .47000+001 .48000+001 .49000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .17432+000   | .16888+000 | .16364+000 | .15859+000 | .15373+000 |
| 1   | .39222+000   | .38842+000 | .38455+000 | .38062+000 | .37664+000 |
| 2   | .29417+000   | .29779+000 | .30123+000 | .30450+000 | .30759+000 |
| 3   | .11031+000   | .11415+000 | .11798+000 | .12180+000 | .12560+000 |
| 4   | .24820-001   | .26255-001 | .27726-001 | .29232-001 | .30772-001 |
| 5   | .37231-002   | .40258-002 | .43437-002 | .46771-002 | .50261-002 |
| 6   | .39890-003   | .44092-003 | .48608-003 | .53452-003 | .58637-003 |
| 7   | .32054-004   | .36218-004 | .40796-004 | .45816-004 | .51308-004 |
| H   | = .57365+001 | .59214+001 | .61110+001 | .63055+001 | .65049+001 |

THETA = .50000+001 .52000+001 .54000+001 .56000+001 .58000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .14905+000   | .14016+000 | .13194+000 | .12426+000 | .11711+000 |
| 1   | .37262+000   | .36447+000 | .35623+000 | .34793+000 | .33962+000 |
| 2   | .31051+000   | .31587+000 | .32060+000 | .32474+000 | .32830+000 |
| 3   | .12938+000   | .13688+000 | .14427+000 | .15154+000 | .15868+000 |
| 4   | .32345-001   | .35588-001 | .38953-001 | .42432-001 | .46017-001 |
| 5   | .53909-002   | .61687-002 | .70116-002 | .79207-002 | .88957-002 |
| 6   | .64177-003   | .76374-003 | .90149-003 | .10561-002 | .12286-002 |
| 7   | .57301-004   | .70919-004 | .86930-004 | .10561-003 | .12725-003 |
| 8   |              | .51219-005 | .65197-005 | .82141-005 | .10250-004 |
| H   | = .67093+001 | .71337+001 | .75794+001 | .80475+001 | .85388+001 |

THETA = .65000+001 .62000+001 .64000+001 .66000+001 .68000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .11044+000   | .10422+000 | .98407-001 | .92971-001 | .87885-001 |
| 1   | .33133+000   | .32308+000 | .31490+000 | .30680+000 | .29881+000 |
| 2   | .33133+000   | .33385+000 | .33590+000 | .33749+000 | .33865+000 |
| 3   | .16567+000   | .17249+000 | .17914+000 | .18562+000 | .19190+000 |
| 4   | .49700-001   | .53472-001 | .57326-001 | .61254-001 | .65247-001 |
| 5   | .99400-002   | .11051-001 | .12230-001 | .13476-001 | .14789-001 |
| 6   | .14200-002   | .16313-002 | .18636-002 | .21176-002 | .23945-002 |
| 7   | .15214-003   | .18061-003 | .21298-003 | .24958-003 | .29076-003 |
| 8   | .12679-004   | .15553-004 | .18931-004 | .22878-004 | .27460-004 |
| H   | = .90544+001 | .95950+001 | .10162+002 | .10756+002 | .11378+002 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 1$

THETA = .70000+001 .72000+001 .74000+001 .76000+001 .78000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .83123-001   | .78660-001 | .74475-001 | .70548-001 | .66860-001 |
| 1   | .29093+000   | .28318+000 | .27556+000 | .26808+000 | .26075+000 |
| 2   | .33942+000   | .33981+000 | .33985+000 | .33957+000 | .33898+000 |
| 3   | .19799+000   | .20389+000 | .20958+000 | .21506+000 | .22034+000 |
| 4   | .69298-001   | .73399-001 | .77543-001 | .81723-001 | .85931-001 |
| 5   | .15170-001   | .17616-001 | .19127-001 | .20703-001 | .22342-001 |
| 6   | .26949-002   | .30199-002 | .33701-002 | .37463-002 | .41493-002 |
| 7   | .33686-003   | .38827-003 | .44533-003 | .50843-003 | .57793-003 |
| 8   | .32751-004   | .38827-004 | .45770-004 | .53667-004 | .62609-004 |
| 9   |              |            |            |            | .54261-005 |
| H   | = .12030+002 | .12713+002 | .13427+002 | .14175+002 | .14957+002 |

THETA = .80000+001 .82000+001 .84000+001 .86000+001 .88000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .63395-001   | .60137-001 | .57071-001 | .54186-001 | .51468-001 |
| 1   | .25358+000   | .24656+000 | .23970+000 | .23300+000 | .22646+000 |
| 2   | .33811+000   | .33697+000 | .33558+000 | .33396+000 | .33214+000 |
| 3   | .22540+000   | .23026+000 | .23491+000 | .23934+000 | .24357+000 |
| 4   | .90161-001   | .94406-001 | .98660-001 | .10292+000 | .10717+000 |
| 5   | .24043-001   | .25804-001 | .27625-001 | .29503-001 | .31437-001 |
| 6   | .45796-002   | .50380-002 | .55250-002 | .60410-002 | .65867-002 |
| 7   | .65423-003   | .73771-003 | .82875-003 | .92773-003 | .10351-002 |
| 8   | .72692-004   | .84017-004 | .95687-004 | .11081-003 | .12651-003 |
| 9   | .64616-005   | .76549-005 | .90241-005 | .10589-004 | .12370-004 |
| H   | = .15774+002 | .16629+002 | .17522+002 | .19455+002 | .19430+002 |

THETA = .90000+001 .92000+001 .94000+001 .96000+001 .98000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .48906-001   | .46491-001 | .44212-001 | .42051-001 | .40029-001 |
| 1   | .22008+000   | .21386+000 | .20780+000 | .20189+000 | .19614+000 |
| 2   | .33012+000   | .32792+000 | .32555+000 | .32303+000 | .32037+000 |
| 3   | .24759+000   | .25140+000 | .25501+000 | .25842+000 | .26163+000 |
| 4   | .11141+000   | .11564+000 | .11986+000 | .12404+000 | .12820+000 |
| 5   | .33424-001   | .35464-001 | .37555-001 | .39694-001 | .41879-001 |
| 6   | .71624-002   | .77684-002 | .84051-002 | .90728-002 | .97718-002 |
| 7   | .11511-002   | .12762-002 | .14109-002 | .15553-002 | .17101-002 |
| 8   | .14389-003   | .16307-003 | .18420-003 | .20738-003 | .23276-003 |
| 9   | .14389-004   | .16670-004 | .19238-004 | .22120-004 | .25345-004 |
| H   | = .20447+002 | .21510+002 | .22618+002 | .23775+002 | .24982+002 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

| THETA = .10000+002 |              | .10200+002 | .10400+002 | .10600+002 | .10800+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .38110-001   | .36295-001 | .34579-001 | .32955-001 | .31418-001 |
| 1                  | .19055+000   | .18511+000 | .17981+000 | .17466+000 | .16966+000 |
| 2                  | .31758+000   | .31468+000 | .31167+000 | .30857+000 | .30539+000 |
| 3                  | .26465+000   | .26748+000 | .27012+000 | .27257+000 | .27485+000 |
| 4                  | .13233+000   | .13641+000 | .14046+000 | .14446+000 | .14842+000 |
| 5                  | .44109-001   | .46381-001 | .48693-001 | .51044-001 | .53430-001 |
| 6                  | .10502-001   | .11264-001 | .12057-001 | .12882-001 | .13739-001 |
| 7                  | .18754-002   | .20516-002 | .22392-002 | .24385-002 | .26497-002 |
| 8                  | .25047-003   | .29065-003 | .32344-003 | .35900-003 | .39746-003 |
| 9                  | .28941-004   | .32940-004 | .37376-004 | .42282-004 | .47695-004 |
| 10                 |              |            |            |            | .46828-005 |
| H                  | = .26240+002 | .27552+002 | .28919+002 | .30344+002 | .31828+002 |
| THETA = .11000+002 |              | .11200+002 | .11400+002 | .11600+002 | .11800+002 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .29963-001   | .28584-001 | .27276-001 | .26037-001 | .24861-001 |
| 1                  | .16479+000   | .16007+000 | .15548+000 | .15101+000 | .14668+000 |
| 2                  | .30212+000   | .29879+000 | .29540+000 | .29196+000 | .28847+000 |
| 3                  | .27695+000   | .27887+000 | .28063+000 | .28223+000 | .28367+000 |
| 4                  | .15232+000   | .15617+000 | .15996+000 | .16369+000 | .16736+000 |
| 5                  | .55851-001   | .58303-001 | .60785-001 | .63295-001 | .65829-001 |
| 6                  | .14628-001   | .15548-001 | .16499-001 | .17481-001 | .18495-001 |
| 7                  | .28733-002   | .31095-002 | .33587-002 | .36211-002 | .38971-002 |
| 8                  | .43897-003   | .48370-003 | .53179-003 | .58341-003 | .63870-003 |
| 9                  | .53652-004   | .60194-004 | .67360-004 | .75195-004 | .83741-004 |
| 10                 | .53652-005   | .61288-005 | .69810-005 | .79296-005 | .89831-005 |
| H                  | = .33375+002 | .34985+002 | .36662+002 | .38407+002 | .40223+002 |
| THETA = .12000+002 |              | .12200+002 | .12400+002 | .12600+002 | .12800+002 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .23746-001   | .22687-001 | .21681-001 | .20725-001 | .19817-001 |
| 1                  | .14247+000   | .13839+000 | .13442+000 | .13057+000 | .12683+000 |
| 2                  | .29495+000   | .28139+000 | .27780+000 | .27420+000 | .27057+000 |
| 3                  | .28495+000   | .28608+000 | .28706+000 | .28791+000 | .28861+000 |
| 4                  | .37097+000   | .37451+000 | .37798+000 | .38138+000 | .39471+000 |
| 5                  | .68337-001   | .70957-001 | .73565-001 | .75180-001 | .78811-001 |
| 6                  | .19539-001   | .20614-001 | .21719-001 | .22854-001 | .24018-001 |
| 7                  | .41870-002   | .44909-002 | .48092-002 | .51422-002 | .54899-002 |
| 8                  | .69783-003   | .76096-003 | .82826-003 | .89988-003 | .97599-003 |
| 9                  | .93044-004   | .10315-003 | .11412-003 | .12598-003 | .13881-003 |
| 10                 | .10150-004   | .11441-004 | .12864-004 | .14431-004 | .16152-004 |
| H                  | = .42113+002 | .44079+002 | .46124+002 | .48250+002 | .50461+002 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

| THETA = .13000+002 |              | .13200+002 | .13400+002 | .13600+002 | .13800+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .18954-001   | .18133-001 | .17353-001 | .16610-001 | .15902-001 |
| 1                  | .12320+000   | .11968+000 | .11626+000 | .11295+000 | .10973+000 |
| 2                  | .26694+000   | .26330+000 | .25965+000 | .25601+000 | .25237+000 |
| 3                  | .28918+000   | .28963+000 | .28995+000 | .29014+000 | .29022+000 |
| 4                  | .19797+000   | .19115+000 | .19426+000 | .19730+000 | .20026+000 |
| 5                  | .81454-001   | .84108-001 | .86771-001 | .89442-001 | .92117-001 |
| 6                  | .25212-001   | .26434-001 | .27684-001 | .28962-001 | .30267-001 |
| 7                  | .59528-002   | .62309-002 | .66244-002 | .70336-002 | .74587-002 |
| 8                  | .10567-002   | .11423-002 | .12329-002 | .13206-002 | .14296-002 |
| 9                  | .15264-003   | .16754-003 | .18356-003 | .20076-003 | .21920-003 |
| 10                 | .18039-004   | .20105-004 | .22361-004 | .24822-004 | .27500-004 |
| H                  | = .52758+002 | .55147+002 | .57628+002 | .60206+002 | .62384+002 |

| THETA = .14000+002 |              | .14200+002 | .14400+002 | .14600+002 | .14800+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .15229-001   | .14587-001 | .13976-001 | .13394-001 | .12838-001 |
| 1                  | .10668+000   | .10357+000 | .10063+000 | .97773-001 | .95003-001 |
| 2                  | .24873+000   | .24512+000 | .24151+000 | .23791+000 | .23434+000 |
| 3                  | .29019+000   | .29005+000 | .28981+000 | .28946+000 | .28902+000 |
| 4                  | .20314+000   | .20594+000 | .20866+000 | .21131+000 | .21388+000 |
| 5                  | .94796-001   | .97477-001 | .10016+000 | .10284+000 | .10551+000 |
| 6                  | .31599-001   | .32957-001 | .34340-001 | .35748-001 | .37180-001 |
| 7                  | .78997-002   | .83568-002 | .88302-002 | .93200-002 | .98262-002 |
| 8                  | .15361-002   | .16482-002 | .17660-002 | .18899-002 | .20198-002 |
| 9                  | .23894-003   | .26004-003 | .28257-003 | .30658-003 | .33215-003 |
| 10                 | .30411-004   | .33569-004 | .36991-004 | .40692-004 | .44689-004 |
| 11                 |              |            |            |            | .50106-005 |
| H                  | = .65665+002 | .68553+002 | .71551+002 | .74663+002 | .77892+002 |

| THETA = .15000+002 |              | .15500+002 | .16000+002 | .16500+002 | .17000+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .12309-001   | .11089-001 | .10003-001 | .90351-002 | .81707-002 |
| 1                  | .92315-001   | .85939-001 | .80025-001 | .74540-001 | .69451-001 |
| 2                  | .23079+000   | .22201+000 | .21340+000 | .20498+000 | .19678+000 |
| 3                  | .23849+000   | .28676+000 | .28453+000 | .28185+000 | .27877+000 |
| 4                  | .21636+000   | .22224+000 | .22763+000 | .23253+000 | .23695+000 |
| 5                  | .10818+000   | .11482+000 | .12140+000 | .12785+000 | .13427+000 |
| 6                  | .38636-001   | .42376-001 | .46248-001 | .50243-001 | .54349-001 |
| 7                  | .10349-001   | .11729-001 | .13214-001 | .14804-001 | .16499-001 |
| 8                  | .21561-002   | .25250-002 | .29364-002 | .33925-002 | .38955-002 |
| 9                  | .35934-003   | .43486-003 | .52203-003 | .62196-003 | .73582-003 |
| 10                 | .49001-004   | .61276-004 | .75931-004 | .93294-004 | .11372-003 |
| 11                 | .55683-005   | .71953-005 | .92038-005 | .11662-004 | .14645-004 |
| H                  | = .31243+002 | .39180+002 | .49968+002 | .61068+003 | .72239+003 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 1$

| $\Theta\gamma\alpha =$ | .17500+002 | .18000+002 | .18500+002 | .19000+002 | .19500+002 |
|------------------------|------------|------------|------------|------------|------------|
| -I-                    |            |            | P(I)       |            |            |
| 0                      | .73976-002 | .67052-002 | .60843-002 | .55266-002 | .50252-002 |
| 1                      | .64729-001 | .60347-001 | .56279-001 | .52503-001 | .48996-001 |
| 2                      | .18679+000 | .18104+000 | .17353+000 | .16626+000 | .15924+000 |
| 3                      | .27532+000 | .27156+000 | .26752+000 | .26324+000 | .25876+000 |
| 4                      | .24091+000 | .24440+000 | .24746+000 | .25008+000 | .25229+000 |
| 5                      | .14053+000 | .14664+000 | .15260+000 | .15838+000 | .16399+000 |
| 6                      | .58554-001 | .62847-001 | .67216-001 | .71650-001 | .76137-001 |
| 7                      | .18298-001 | .20201-001 | .22205-001 | .24310-001 | .26512-001 |
| 8                      | .44474-002 | .50502-002 | .57056-002 | .64151-002 | .71804-002 |
| 9                      | .86478-003 | .10100-002 | .11728-002 | .13543-002 | .15557-002 |
| 10                     | .13758-003 | .16528-003 | .19724-003 | .23392-003 | .27579-003 |
| 11                     | .19240-004 | .22538-004 | .27644-004 | .33671-004 | .40742-004 |
| 12                     |            |            |            |            | .50927-005 |
| H =                    | .13518+003 | .14914+003 | .16436+003 | .18094+003 | .19900+003 |

| $\Theta\gamma\alpha =$ | .20000+002 | .21000+002 | .22000+002 | .23000+002 | .24000+002 |
|------------------------|------------|------------|------------|------------|------------|
| -I-                    |            |            | P(I)       |            |            |
| 0                      | .45738-002 | .37996-002 | .31679-002 | .26500-002 | .22239-002 |
| 1                      | .45738-001 | .39896-001 | .34846-001 | .30476-001 | .26687-001 |
| 2                      | .15246+000 | .13964+000 | .12777+000 | .11682+000 | .10675+000 |
| 3                      | .25410+000 | .24436+000 | .23425+000 | .22391+000 | .21350+000 |
| 4                      | .25410+000 | .25658+000 | .25767+000 | .25750+000 | .25620+000 |
| 5                      | .15940+000 | .17961+000 | .18896+000 | .19741+000 | .20496+000 |
| 6                      | .80666-001 | .89804-001 | .98978-001 | .10811+000 | .11712+000 |
| 7                      | .28809-001 | .33676-001 | .38884-001 | .44401-001 | .50194-001 |
| 8                      | .89026-002 | .98223-002 | .11881-001 | .14184-001 | .16731-001 |
| 9                      | .17784-002 | .22919-002 | .29043-002 | .36247-002 | .44617-002 |
| 10                     | .32334-003 | .43754-003 | .58086-003 | .75790-003 | .97345-003 |
| 11                     | .48990-004 | .69600-004 | .96811-004 | .13206-003 | .17699-003 |
| 12                     | .62808-005 | .93704-005 | .13653-004 | .19470-004 | .27229-004 |
| H =                    | .21864+003 | .26318+003 | .31567+003 | .37735+003 | .44965+003 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

THE TAU = .25000+002 .30000+002 .35000+002 .40000+002 .45000+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .18720-002   | .82337-003 | .38319-003 | .18670-003 | .94508-004 |
| 1   | .23400-001   | .12351-001 | .67057-002 | .37339-002 | .21264-002 |
| 2   | .97498-001   | .61753-001 | .39117-001 | .24893-001 | .15948-001 |
| 3   | .20312+000   | .15438+000 | .11409+000 | .82976-001 | .59806-001 |
| 4   | .25390+000   | .23157+000 | .19966+000 | .16595+000 | .13456+000 |
| 5   | .21158+000   | .23157+000 | .23294+000 | .22127+000 | .20184+000 |
| 6   | .12594+000   | .16541+000 | .19411+000 | .21073+000 | .21626+000 |
| 7   | .56225-001   | .88612-001 | .12132+000 | .15052+000 | .17378+000 |
| 8   | .19522-001   | .36922-001 | .58975-001 | .83624-001 | .10861+000 |
| 9   | .54229-002   | .12307-001 | .22935-001 | .37166-001 | .54307-001 |
| 10  | .12325-002   | .33565-002 | .72974-002 | .13515-001 | .22216-001 |
| 11  | .23342-003   | .76285-003 | .19349-002 | .40955-002 | .75738-002 |
| 12  | .37408-004   | .14670-003 | .43412-003 | .10501-002 | .21847-002 |
| 13  | .51384-005   | .24182-004 | .83484-004 | .23079-003 | .54018-003 |
| 14  |              |            | .13914-004 | .43961-004 | .11575-003 |
| 15  |              |            |            | .73268-005 | .21704-004 |
| H   | = .53420+003 | .12145+004 | .26097+004 | .53563+004 | .10581+005 |

THE TAU = .50000+002 .55000+002 .60000+002 .65000+002 .70000+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .49423-004   | .26584-004 | .14656-004 | .82591-005 | .47460-005 |
| 1   | .12356-002   | .73106-003 | .43969-003 | .26842-003 | .16611-003 |
| 2   | .10297-001   | .67014-002 | .43969-002 | .29079-002 | .19380-002 |
| 3   | .42902-001   | .30715-001 | .21985-001 | .15751-001 | .11305-001 |
| 4   | .10726+000   | .84466-001 | .65954-001 | .51191-001 | .39567-001 |
| 5   | .17876+000   | .15485+000 | .13191+000 | .11091+000 | .92323-001 |
| 6   | .21281+000   | .20279+000 | .18844+000 | .17165+000 | .15387+000 |
| 7   | .19001+000   | .19916+000 | .20190+000 | .19924+000 | .19234+000 |
| 8   | .13195+000   | .15214+000 | .16825+000 | .17987+000 | .18700+000 |
| 9   | .73305-001   | .92974-001 | .11217+000 | .12991+000 | .14544+000 |
| 10  | .33321-001   | .46487-001 | .61182-001 | .76762-001 | .92554-001 |
| 11  | .12621-001   | .19370-001 | .27810-001 | .37800-001 | .49081-001 |
| 12  | .40453-002   | .68290-002 | .10696-001 | .15750-001 | .22024-001 |
| 13  | .11114-002   | .20637-002 | .35262-002 | .56250-002 | .84707-002 |
| 14  | .26461-003   | .54050-003 | .10075-002 | .17411-002 | .28236-002 |
| 15  | .55127-004   | .12386-003 | .25187-003 | .47154-003 | .82354-003 |
| 16  | .10134-004   | .25046-004 | .55560-004 | .11268-003 | .21194-003 |
| 17  |              | .45017-005 | .10894-004 | .23936-004 | .48483-004 |
| 18  |              |            |            | .45492-005 | .99234-005 |
| H   | = .20233+005 | .37616+005 | .68229+005 | .12108+006 | .21070+006 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

|     | THETA = .75000+002 | .80000+002 | .85000+002 | .90000+002 | .95000+002 |
|-----|--------------------|------------|------------|------------|------------|
| -I- | P(I)               |            |            |            |            |
| 0   | .27758-005         | .16497-005 | .99485-006 | .60806-006 | .37629-006 |
| 1   | .10409-003         | .65987-004 | .42281-004 | .27363-004 | .17874-004 |
| 2   | .13012-002         | .87983-003 | .59898-003 | .41044-003 | .28300-003 |
| 3   | .81322-002         | .58655-002 | .42428-002 | .30783-002 | .22404-002 |
| 4   | .30496-001         | .23462-001 | .18032-001 | .13852-001 | .10642-001 |
| 5   | .76240-001         | .62565-001 | .51090-001 | .41557-001 | .33699-001 |
| 6   | .13614+000         | .11917+000 | .10340+000 | .89052-001 | .76225-001 |
| 7   | .18233+000         | .17025+000 | .15694+000 | .14312+000 | .12931+000 |
| 8   | .18993+000         | .18916+000 | .18528+000 | .17890+000 | .17062+000 |
| 9   | .15828+000         | .16814+000 | .17499+000 | .17890+000 | .18010+000 |
| 10  | .10792+000         | .12229+000 | .13522+000 | .14637+000 | .15554+000 |
| 11  | .61315-001         | .74113-001 | .87071-001 | .99799-001 | .11194+000 |
| 12  | .29479-001         | .38007-001 | .47443-001 | .57576-001 | .68169-001 |
| 13  | .12148-001         | .16706-001 | .22157-001 | .28472-001 | .35583-001 |
| 14  | .43385-002         | .63643-002 | .89684-002 | .12202-001 | .16097-001 |
| 15  | .13558-002         | .21214-002 | .31763-002 | .45758-002 | .63717-002 |
| 16  | .37384-003         | .62395-003 | .99260-003 | .15141-002 | .22254-002 |
| 17  | .91626-004         | .16312-003 | .27572-003 | .44531-003 | .69089-003 |
| 18  | .20894-004         | .38158-004 | .68327-004 | .11719-003 | .19191-003 |
| 19  |                    | .80332-005 | .15328-004 | .27755-004 | .47979-004 |
| 20  |                    |            |            | .59475-005 | .10852-004 |
| H   | = .36026+006       | .60618+006 | .10052+007 | .16446+007 | .26575+007 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 1$

THETA = .10000+003

| -I- | P(I)         |  |  |  |  |
|-----|--------------|--|--|--|--|
| 0   | .23554-006   |  |  |  |  |
| 1   | .11777-004   |  |  |  |  |
| 2   | .19629-003   |  |  |  |  |
| 3   | .16357-002   |  |  |  |  |
| 4   | .81786-002   |  |  |  |  |
| 5   | .27262-001   |  |  |  |  |
| 6   | .64910-001   |  |  |  |  |
| 7   | .11591+000   |  |  |  |  |
| 8   | .16099+000   |  |  |  |  |
| 9   | .17887+000   |  |  |  |  |
| 10  | .16261+000   |  |  |  |  |
| 11  | .12319+000   |  |  |  |  |
| 12  | .78969-001   |  |  |  |  |
| 13  | .43389-001   |  |  |  |  |
| 14  | .20662-001   |  |  |  |  |
| 15  | .86090-002   |  |  |  |  |
| 16  | .31651-002   |  |  |  |  |
| 17  | .10343-002   |  |  |  |  |
| 18  | .30244-003   |  |  |  |  |
| 19  | .79589-004   |  |  |  |  |
| 20  | .18990-004   |  |  |  |  |
| 21  | .41017-005   |  |  |  |  |
| H   | = .42455+007 |  |  |  |  |

$U_2 = 2$

| THETA = | .00000+000   | .10000-001 | .20000-001 | .30000-001 | .40000-001 |
|---------|--------------|------------|------------|------------|------------|
| -I-     |              | P(I)       |            |            |            |
| 0       | .10000+001   | .99667+000 | .99336+000 | .99006+000 | .98678+000 |
| 1       |              | .33222-002 | .66224-002 | .99006-002 | .13197-001 |
| 2       |              |            | .16556-004 | .37127-004 | .65785-004 |
| H       | = .50000+000 | .50167+000 | .50334+000 | .50502+000 | .50670+000 |

| THETA = | .50000-001   | .60000-001 | .70000-001 | .80000-001 | .90000-001 |
|---------|--------------|------------|------------|------------|------------|
| -I-     |              | P(I)       |            |            |            |
| 0       | .98351+000   | .98025+000 | .97700+000 | .97377+000 | .97055+000 |
| 1       | .16392-001   | .19605-001 | .22797-001 | .25967-001 | .29117-001 |
| 2       | .10245-003   | .14704-003 | .19947-003 | .25967-003 | .32756-003 |
| H       | = .50839+000 | .51008+000 | .51177+000 | .51347+000 | .51517+000 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2

THETA= .10000+000 .11000+000 .12000+000 .13000+000 .14000+000

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .96735+000   | .96416+000 | .95098+000 | .95781+000 | .95466+000 |
| 1   | .32245-001   | .35352-001 | .38439-001 | .41505-001 | .44551-001 |
| 2   | .40306-003   | .48610-003 | .57659-003 | .67446-003 | .77964-003 |
| 3   |              |            |            | .58453-005 | .72766-005 |
| H   | = .51688+000 | .51859+000 | .52030+000 | .52202+000 | .52375+000 |

THETA= .15000+000 .16000+000 .17000+000 .18000+000 .19000+000

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .95152+000   | .94840+000 | .94528+000 | .94218+000 | .93909+000 |
| 1   | .47576-001   | .50581-001 | .53566-001 | .56531-001 | .59476-001 |
| 2   | .89205-003   | .10116-002 | .11383-002 | .12719-002 | .14126-002 |
| 3   | .89205-005   | .10791-004 | .12900-004 | .15263-004 | .17892-004 |
| H   | = .52547+000 | .52721+000 | .52894+000 | .53068+000 | .53243+000 |

THETA= .20000+000 .21000+000 .22000+000 .23000+000 .24000+000

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .93602+000   | .93295+000 | .92990+000 | .92687+000 | .92384+000 |
| 1   | .62401-001   | .65307-001 | .68193-001 | .71060-001 | .73907-001 |
| 2   | .15600-002   | .17143-002 | .18753-002 | .20430-002 | .22172-002 |
| 3   | .20800-004   | .24000-004 | .27504-004 | .31325-004 | .35475-004 |
| H   | = .53418+000 | .53593+000 | .53769+000 | .53945+000 | .54122+000 |

THETA= .25000+000 .26000+000 .27000+000 .28000+000 .29000+000

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .92083+000   | .91782+000 | .91484+000 | .91186+000 | .90889+000 |
| 1   | .76736-001   | .79545-001 | .82335-001 | .85107-001 | .87860-001 |
| 2   | .23980-002   | .25852-002 | .27788-002 | .29787-002 | .31849-002 |
| 3   | .39966-004   | .44810-004 | .50019-004 | .55603-004 | .61575-004 |
| H   | = .54299+000 | .54477+000 | .54655+000 | .54833+000 | .55012+000 |

THETA= .30000+000 .31000+000 .32000+000 .33000+000 .34000+000

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .90594+000   | .90300+000 | .90007+000 | .89715+000 | .89425+000 |
| 1   | .90594-001   | .93310-001 | .96007-001 | .98687-001 | .10135+000 |
| 2   | .33973-002   | .36158-002 | .38403-002 | .40708-002 | .43073-002 |
| 3   | .67945-004   | .74726-004 | .81926-004 | .89558-004 | .97632-004 |
| H   | = .55191+000 | .55371+000 | .55551+000 | .55732+000 | .55913+000 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2

| THETA = .35000+000 |              | .36000+000 | .37000+000 | .38000+000 | .39000+000 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .89135+000   | .88847+000 | .88560+000 | .88274+000 | .87989+000 |
| 1                  | .10399+000   | .10662+000 | .10922+000 | .11181+000 | .11439+000 |
| 2                  | .45496-002   | .47977-002 | .50516-002 | .53111-002 | .55763-002 |
| 3                  | .10616-003   | .11515-003 | .12461-003 | .13455-003 | .14498-003 |
| H                  | = .56095+000 | .56277+000 | .56459+000 | .56642+000 | .56825+000 |
| THETA = .40000+000 |              | .41000+000 | .42000+000 | .43000+000 | .44000+000 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .87705+000   | .87423+000 | .87141+000 | .86861+000 | .86582+000 |
| 1                  | .11694+000   | .11948+000 | .12200+000 | .12450+000 | .12699+000 |
| 2                  | .58470-002   | .61232-002 | .64049-002 | .66919-002 | .69843-002 |
| 3                  | .15592-003   | .16737-003 | .17934-003 | .19184-003 | .20487-003 |
| H                  | = .57009+000 | .57193+000 | .57378+000 | .57563+000 | .57749+000 |
| THETA = .45000+000 |              | .46000+000 | .47000+000 | .48000+000 | .49000+000 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .86304+000   | .86027+000 | .85751+000 | .85476+000 | .85203+000 |
| 1                  | .12946+000   | .13191+000 | .13434+000 | .13676+000 | .13916+000 |
| 2                  | .72819-002   | .75847-002 | .78927-002 | .82057-002 | .85238-002 |
| 3                  | .21846-003   | .23260-003 | .24730-003 | .26258-003 | .27844-003 |
| 4                  |              |            |            | .52517-005 | .56849-005 |
| H                  | = .57935+000 | .58121+000 | .58308+000 | .58496+000 | .58684+000 |
| THETA = .50000+000 |              | .60000+000 | .70000+000 | .80000+000 | .90000+000 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .84930+000   | .82263+000 | .79698+000 | .77232+000 | .74859+000 |
| 1                  | .14155+000   | .16453+000 | .18596+000 | .20595+000 | .22458+000 |
| 2                  | .88469-002   | .12339-001 | .16272-001 | .20595-001 | .25265-001 |
| 3                  | .29490-003   | .49358-003 | .75935-003 | .10984-002 | .15159-002 |
| 4                  | .61437-005   | .12339-004 | .22148-004 | .36614-004 | .56846-004 |
| H                  | = .58872+000 | .60781+000 | .62737+000 | .64740+000 | .66793+000 |
| THETA = .10000+001 |              | .11000+001 | .12000+001 | .13000+001 | .14000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .72574+000   | .70375+000 | .68257+000 | .66217+000 | .64250+000 |
| 1                  | .24191+000   | .25804+000 | .27303+000 | .28694+000 | .29983+000 |
| 2                  | .30239-001   | .35481-001 | .40954-001 | .46628-001 | .52471-001 |
| 3                  | .20160-002   | .26019-002 | .32763-002 | .40411-002 | .48973-002 |
| 4                  | .83998-004   | .11925-003 | .16382-003 | .21889-003 | .28567-003 |
| 5                  |              |            | .56166-005 | .81302-005 | .11427-004 |
| H                  | = .68895+000 | .71048+000 | .73252+000 | .75510+000 | .77821+000 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2

THETA= .15000+001 .16000+001 .17000+001 .18000+001 .19000+001

|     |  | P(I)           |            |            |            |
|-----|--|----------------|------------|------------|------------|
| -I- |  | .62354+000     | .60526+000 | .58763+000 | .57062+000 |
| 0   |  | .31177+000     | .32281+000 | .33299+000 | .34237+000 |
| 1   |  | .58457-001     | .64561-001 | .70761-001 | .77034-001 |
| 2   |  | .58457-002     | .68866-002 | .80195-002 | .92440-002 |
| 3   |  | .36536-003     | .45910-003 | .56805-003 | .69330-003 |
| 4   |  | .15658-004     | .20988-004 | .27591-004 | .35656-004 |
| 5   |  | H = .80187+000 | .82609+000 | .85087+000 | .87624+000 |
|     |  |                |            |            | .90220+000 |

THETA= .20900+J01 .21000+001 .22000+001 .23000+001 .24000+001

|     |  | P(I)           |            |            |            |
|-----|--|----------------|------------|------------|------------|
| -I- |  | .53835+000     | .52305+000 | .50827+000 | .49399+000 |
| 0   |  | .35890+000     | .36613+000 | .37273+000 | .37872+000 |
| 1   |  | .89725-001     | .96110-001 | .10250+000 | .10888+000 |
| 2   |  | .11963-001     | .13455-001 | .15033-001 | .16695-001 |
| 3   |  | .99695-003     | .11774-002 | .13781-002 | .16000-002 |
| 4   |  | .56969-004     | .70641-004 | .86621-004 | .10514-003 |
| 5   |  | H = .92876+000 | .95593+000 | .98373+000 | .10122+001 |
|     |  |                |            |            | .10413+001 |

THETA= .25000+001 .26000+001 .27000+001 .28000+001 .29000+001

|     |  | P(I)           |            |            |            |
|-----|--|----------------|------------|------------|------------|
| -I- |  | .46685+000     | .45396+000 | .44149+000 | .42942+000 |
| 0   |  | .38904+000     | .39343+000 | .39734+000 | .40080+000 |
| 1   |  | .12158+000     | .12786+000 | .13410+000 | .14028+000 |
| 2   |  | .20263-001     | .22163-001 | .24138-001 | .26185-001 |
| 3   |  | .21107-002     | .24010-002 | .27156-002 | .30550-002 |
| 4   |  | .15076-003     | .17836-003 | .20949-003 | .24440-003 |
| 5   |  | .78523-005     | .96612-005 | .11784-004 | .14256-004 |
| 6   |  | H = .10710+001 | .11014+001 | .11325+001 | .11643+001 |
|     |  |                |            |            | .11969+001 |

THETA= .30000+001 .31000+001 .32000+001 .33000+001 .34000+001

|     |  | P(I)           |            |            |            |
|-----|--|----------------|------------|------------|------------|
| -I- |  | .40647+000     | .39554+000 | .38496+000 | .37472+000 |
| 0   |  | .40647+000     | .40872+000 | .41062+000 | .41219+000 |
| 1   |  | .15242+000     | .15838+000 | .16425+000 | .17003+000 |
| 2   |  | .30485-001     | .32732-001 | .35040-001 | .37406-001 |
| 3   |  | .38106-002     | .42279-002 | .46720-002 | .51433-002 |
| 4   |  | .32662-003     | .37447-003 | .42715-003 | .48494-003 |
| 5   |  | .20414-004     | .24184-004 | .28477-004 | .33340-004 |
| 6   |  | H = .12301+001 | .12641+001 | .12988+001 | .13343+001 |
|     |  |                |            |            | .13706+001 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2

THETA = .35000+001 .36000+001 .37000+001 .38000+001 .39000+001

| -I- |              | P(I)       |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | .35519+000   | .34588+000 | .33686+000 | .32811+000 | .31964+000 |  |
| 1   | .41438+000   | .41505+000 | .41546+000 | .41561+000 | .41553+000 |  |
| 2   | .18129+000   | .18677+000 | .19215+000 | .19741+000 | .20257+000 |  |
| 3   | .42302-001   | .44826-001 | .47397-001 | .50012-001 | .52668-001 |  |
| 4   | .61690-002   | .67239-002 | .73070-002 | .79185-002 | .85586-002 |  |
| 5   | .61690-003   | .69160-003 | .77245-003 | .85973-003 | .95367-003 |  |
| 6   | .44982-004   | .51870-004 | .59543-004 | .68062-004 | .77486-004 |  |
| 7   |              |            |            |            | .47967-005 |  |
| H   | = .14077+001 | .14456+001 | .14843+001 | .15239+001 | .15643+001 |  |

THETA = .40000+001 .41000+001 .42000+001 .43000+001 .44000+001

| -I- |              | P(I)       |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | .31142+000   | .30345+000 | .29572+000 | .28823+000 | .28095+000 |  |
| 1   | .41523+000   | .41472+000 | .41401+000 | .41312+000 | .41206+000 |  |
| 2   | .20761+000   | .21254+000 | .21736+000 | .22205+000 | .22663+000 |  |
| 3   | .55364-001   | .58095-001 | .60860-001 | .63655-001 | .66479-001 |  |
| 4   | .92273-002   | .99246-002 | .10650-001 | .11405-001 | .12188-001 |  |
| 5   | .10545-002   | .11626-002 | .12781-002 | .14012-002 | .15322-002 |  |
| 6   | .87879-004   | .99305-004 | .11183-003 | .12552-003 | .14045-003 |  |
| 7   | .55796-005   | .64627-005 | .74553-005 | .85674-005 | .98093-005 |  |
| H   | = .16055+001 | .16477+001 | .16908+001 | .17348+001 | .17797+001 |  |

THETA = .45000+001 .46000+001 .47000+001 .48000+001 .49000+001

| -I- |              | P(I)       |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | .27389+000   | .26704+000 | .26039+000 | .25394+000 | .24767+000 |  |
| 1   | .41084+000   | .40947+000 | .40795+000 | .40630+000 | .40453+000 |  |
| 2   | .23110+000   | .23544+000 | .23967+000 | .24378+000 | .24777+000 |  |
| 3   | .69329-001   | .72203-001 | .75097-001 | .78010-001 | .80939-001 |  |
| 4   | .12999-001   | .13839-001 | .14706-001 | .15602-001 | .16525-001 |  |
| 5   | .16713-002   | .18188-002 | .19749-002 | .21397-002 | .23135-002 |  |
| 6   | .15669-003   | .17430-003 | .19337-003 | .21397-003 | .23617-003 |  |
| 7   | .11192-004   | .12727-004 | .14426-004 | .16302-004 | .18369-004 |  |
| H   | = .18255+001 | .18724+001 | .19202+001 | .19690+001 | .20188+001 |  |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSSEL DISTRIBUTION

$U_2 = 2$

THETA = .50000+001 .52000+001 .54000+001 .56000+001 .58000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .24158+000   | .22992+000 | .21892+000 | .20853+000 | .19871+000 |
| 1   | .40264+000   | .39854+000 | .39406+000 | .38925+000 | .38417+000 |
| 2   | .25165+000   | .25905+000 | .26599+000 | .27248+000 | .27852+000 |
| 3   | .83882-001   | .89803-001 | .95756-001 | .10172+000 | .10769+000 |
| 4   | .17475-001   | .19457-001 | .21545-001 | .23736-001 | .26026-001 |
| 5   | .24965-002   | .28908-002 | .33241-002 | .37977-002 | .43129-002 |
| 6   | .26005-003   | .31317-003 | .37396-003 | .44307-003 | .52114-003 |
| 7   | .20639-004   | .25849-004 | .32054-004 | .39384-004 | .47978-004 |
| H   | = .20697+001 | .21746+001 | .22839+001 | .23978+001 | .25163+001 |

THETA = .60000+001 .62000+001 .64000+001 .66000+001 .68000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .19942+000   | .18064+000 | .17232+000 | .16445+000 | .15699+000 |
| 1   | .37884+000   | .37331+000 | .36762+000 | .36178+000 | .35584+000 |
| 2   | .28413+000   | .28932+000 | .29409+000 | .29847+000 | .30246+000 |
| 3   | .11365+000   | .11958+000 | .12548+000 | .13133+000 | .13712+000 |
| 4   | .28413-001   | .30893-001 | .33461-001 | .36115-001 | .38850-001 |
| 5   | .48708-002   | .54724-002 | .61187-002 | .68103-002 | .75479-002 |
| 6   | .60885-003   | .70686-003 | .81582-003 | .93641-003 | .10693-002 |
| 7   | .57986-004   | .69564-004 | .82877-004 | .98100-004 | .11542-003 |
| 8   |              | .53912-005 | .66302-005 | .80933-005 | .98103-005 |
| H   | = .26396+001 | .27680+001 | .29016+001 | .30405+001 | .31850+001 |

THETA = .70000+001 .72000+001 .74000+001 .76000+001 .78000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .14992+000   | .14321+000 | .13685+000 | .13091+000 | .12508+000 |
| 1   | .34981+000   | .34371+000 | .33757+000 | .33140+000 | .32521+000 |
| 2   | .30608+000   | .30934+000 | .31225+000 | .31483+000 | .31708+000 |
| 3   | .14284+000   | .14848+000 | .15404+000 | .15951+000 | .16488+000 |
| 4   | .41661-001   | .44545-001 | .47497-001 | .50512-001 | .53587-001 |
| 5   | .83322-002   | .91635-002 | .10042-001 | .10968-001 | .11942-001 |
| 6   | .12151-002   | .13745-002 | .15482-002 | .17367-002 | .19406-002 |
| 7   | .13501-003   | .15709-003 | .18185-003 | .20950-003 | .24027-003 |
| 8   | .11814-004   | .14138-004 | .16821-004 | .19903-004 | .23426-004 |
| H   | = .33352+001 | .34913+001 | .36536+001 | .38222+001 | .39974+001 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 2

THE TAU = .80000+001 .82000+001 .84000+001 .86000+001 .88000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .11964+000   | .11446+000 | .10954+000 | .10487+000 | .10042+000 |
| 1   | .31903+000   | .31287+000 | .30672+000 | .30062+000 | .29455+000 |
| 2   | .31903+000   | .32069+000 | .32206+000 | .32316+000 | .32401+000 |
| 3   | .17015+000   | .17531+000 | .18035+000 | .18528+000 | .19008+000 |
| 4   | .56717-001   | .59897-001 | .63124-001 | .66392-001 | .69698-001 |
| 5   | .12964-001   | .14033-001 | .15150-001 | .16313-001 | .17524-001 |
| 6   | .21606-002   | .23973-002 | .26512-002 | .29228-002 | .32127-002 |
| 7   | .27437-003   | .31203-003 | .35349-003 | .39899-003 | .44876-003 |
| 8   | .27437-004   | .31983-004 | .37117-004 | .42891-004 | .49364-004 |
| H   | = .41793+001 | .43682+001 | .45644+001 | .47680+001 | .49733+001 |

THE TAU = .90000+001 .92000+001 .94000+001 .96000+001 .98000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .96188-001   | .92148-001 | .88308-001 | .84649-001 | .81162-001 |
| 1   | .28854+000   | .28259+000 | .27670+000 | .27088+000 | .26513+000 |
| 2   | .32461+000   | .32498+000 | .32512+000 | .32505+000 | .32478+000 |
| 3   | .19477+000   | .19932+000 | .20374+000 | .20803+000 | .21219+000 |
| 4   | .73037-001   | .76405-001 | .79799-001 | .83213-001 | .86645-001 |
| 5   | .18781-001   | .20084-001 | .21432-001 | .22824-001 | .24261-001 |
| 6   | .35214-002   | .38494-002 | .41970-002 | .45648-002 | .49532-002 |
| 7   | .50306-003   | .56213-003 | .62622-003 | .69559-003 | .77050-003 |
| 8   | .56594-004   | .64645-004 | .73581-004 | .83471-004 | .94386-004 |
| 9   | .51449-005   | .60074-005 | .69865-005 | .80942-005 | .93433-005 |
| H   | = .51986+001 | .54261+001 | .56620+001 | .59068+001 | .61505+001 |

THE TAU = .10000+002 .10200+002 .10400+002 .10600+002 .10800+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .77838-001   | .74668-001 | .71644-001 | .68758-001 | .66004-001 |
| 1   | .25946+000   | .25387+000 | .24837+000 | .24295+000 | .23761+000 |
| 2   | .32432+000   | .32369+000 | .32287+000 | .32190+000 | .32078+000 |
| 3   | .21622+000   | .22011+000 | .22386+000 | .22748+000 | .23096+000 |
| 4   | .90090-001   | .93545-001 | .97006-001 | .10047+000 | .10393+000 |
| 5   | .25740-001   | .27262-001 | .28825-001 | .30428-001 | .32071-001 |
| 6   | .53625-002   | .57931-002 | .62453-002 | .67195-002 | .72159-002 |
| 7   | .85119-003   | .93793-003 | .10310-002 | .11306-002 | .12370-002 |
| 8   | .10640-003   | .11959-003 | .13403-003 | .14980-003 | .16700-003 |
| 9   | .10747-004   | .12321-004 | .14080-004 | .16039-004 | .18218-004 |
| H   | = .64236+001 | .66963+001 | .69790+001 | .72719+001 | .75753+001 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2

THETA = .11000+002 .11200+002 .11400+002 .11600+002 .11800+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .63374-001   | .60862-001 | .58463-001 | .56170-001 | .53978-001 |
| 1   | .23237+000   | .22722+000 | .22216+000 | .21719+000 | .21231+000 |
| 2   | .31951+000   | .31811+000 | .31658+000 | .31493+000 | .31316+000 |
| 3   | .23431+000   | .23752+000 | .24060+000 | .24354+000 | .24635+000 |
| 4   | .10739+000   | .11084+000 | .11428+000 | .11771+000 | .12112+000 |
| 5   | .33751-001   | .35470-001 | .37224-001 | .39013-001 | .40836-001 |
| 6   | .77347-002   | .82762-002 | .88407-002 | .94282-002 | .10039-001 |
| 7   | .13505-002   | .14713-002 | .15997-002 | .17360-002 | .18803-002 |
| 8   | .18569-003   | .20599-003 | .22793-003 | .25172-003 | .27734-003 |
| 9   | .20633-004   | .23304-004 | .26250-004 | .29494-004 | .33057-004 |
| H   | = .75897+001 | .82153+001 | .85525+001 | .89016+001 | .92630+001 |

THETA = .12000+002 .12200+002 .12400+002 .12600+002 .12800+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .51882-001   | .49878-001 | .47961-001 | .46126-001 | .44370-001 |
| 1   | .20753+000   | .20284+000 | .19824+000 | .19373+000 | .18931+000 |
| 2   | .31129+000   | .30933+000 | .30727+000 | .30512+000 | .30290+000 |
| 3   | .24393+000   | .25159+000 | .25401+000 | .25630+000 | .25847+000 |
| 4   | .12452+000   | .12789+000 | .13124+000 | .13456+000 | .13785+000 |
| 5   | .42692-001   | .45579-001 | .45496-001 | .48441-001 | .50415-001 |
| 6   | .10673-001   | .11330-001 | .12011-001 | .12716-001 | .13444-001 |
| 7   | .20329-002   | .21941-002 | .23641-002 | .25432-002 | .27315-002 |
| 8   | .30494-003   | .33461-003 | .36644-003 | .40055-003 | .43704-003 |
| 9   | .36962-004   | .41234-004 | .45898-004 | .50979-004 | .56506-004 |
| 10  |              |            |            |            |            |
| H   | = .96372+001 | .10024+002 | .10425+002 | .10840+002 | .11269+002 |

THETA = .13000-002 .13200+002 .13400+002 .13600+002 .13800+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .42689-001   | .41079-001 | .39538-001 | .38061-001 | .36645-001 |
| 1   | .18439+000   | .18075+000 | .17660+000 | .17254+000 | .16857+000 |
| 2   | .30060+000   | .29824+000 | .29581+000 | .29332+000 | .29078+000 |
| 3   | .26052+000   | .26245+000 | .26425+000 | .26594+000 | .26752+000 |
| 4   | .14112+000   | .14435+000 | .14754+000 | .15070+000 | .15382+000 |
| 5   | .52415-001   | .54439-001 | .56487-001 | .58558-001 | .60650-001 |
| 6   | .14146-001   | .14971-001 | .15769-001 | .16591-001 | .17437-001 |
| 7   | .29292-002   | .31367-002 | .33541-002 | .35817-002 | .38195-002 |
| 8   | .47600-003   | .51755-003 | .56192-003 | .60888-003 | .65886-003 |
| 9   | .62505-004   | .69008-004 | .76044-004 | .83644-004 | .91842-004 |
| 10  | .67714-005   | .75909-005 | .84916-005 | .94797-005 | .10562-004 |
| H   | = .11733+002 | .12172+002 | .12646+002 | .13137+002 | .13644+002 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 2

THE TAU = .14000+002 .14200+002 .14400+002 .14600+002 .14800+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .35289-001   | .33988-001 | .32741-001 | .31545-001 | .30398-001 |
| 1   | .16468+000   | .16088+000 | .15716+000 | .15352+000 | .14996+000 |
| 2   | .28819+000   | .28556+000 | .28288+000 | .28017+000 | .27743+000 |
| 3   | .26898+000   | .27033+000 | .27157+000 | .27270+000 | .27373+000 |
| 4   | .15690+000   | .15994+000 | .16294+000 | .16589+000 | .16880+000 |
| 5   | .62761-001   | .64891-001 | .67038-001 | .69201-001 | .71379-001 |
| 6   | .18305-001   | .19197-001 | .20112-001 | .21049-001 | .22008-001 |
| 7   | .40679-002   | .43269-002 | .45969-002 | .48780-002 | .51702-002 |
| 8   | .71188-003   | .76803-003 | .82745-003 | .89023-003 | .95649-003 |
| 9   | .10067-003   | .11016-003 | .12036-003 | .13129-003 | .14299-003 |
| 10  | .11745-004   | .13036-004 | .14443-004 | .15973-004 | .17636-004 |
| H   | = .14169+002 | .14711+002 | .15271+002 | .15850+002 | .16449+002 |

THE TAU = .15000+002 .15500+002 .16000+002 .16500+002 .17000+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .29297-001   | .26735-001 | .24420-001 | .22327-001 | .20432-001 |
| 1   | .14648+000   | .13813+000 | .13024+000 | .12280+000 | .11578+000 |
| 2   | .27466+000   | .26763+000 | .26048+000 | .25327+000 | .24603+000 |
| 3   | .27466+000   | .27655+000 | .27735+000 | .27860+000 | .27824+000 |
| 4   | .17166+000   | .17860+000 | .18523+000 | .19154+000 | .19751+000 |
| 5   | .73569-001   | .79096-001 | .84678-001 | .90296-001 | .95933-001 |
| 6   | .22990-001   | .25541-001 | .28226-001 | .31039-001 | .33976-001 |
| 7   | .54739-002   | .62840-002 | .71685-002 | .81293-002 | .91682-002 |
| 8   | .10264-002   | .12175-002 | .14337-002 | .16767-002 | .19482-002 |
| 9   | .15551-003   | .19062-003 | .23171-003 | .27945-003 | .33455-003 |
| 10  | .19439-004   | .24622-004 | .30895-004 | .38424-004 | .47394-004 |
| 11  |              |            |            |            | .56342-005 |
| H   | = .17067+002 | .18702+002 | .20475+002 | .22394+002 | .24472+002 |

THE TAU = .17500+002 .18000+002 .18500+002 .19000+002 .19500+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .18714-001   | .17154-001 | .15738-001 | .14450-001 | .13278-001 |
| 1   | .10916+000   | .10293+000 | .97052-001 | .91518-001 | .86307-001 |
| 2   | .23879+000   | .23158+000 | .22443+000 | .21736+000 | .21037+000 |
| 3   | .27859+000   | .27790+000 | .27680+000 | .27532+000 | .27349+000 |
| 4   | .20314+000   | .20843+000 | .21337+000 | .21796+000 | .22221+000 |
| 5   | .10157+000   | .10719+000 | .11272+000 | .11832+000 | .12380+000 |
| 6   | .37031-001   | .40197-001 | .43467-001 | .46835-001 | .50294-001 |
| 7   | .10286-001   | .11485-001 | .12764-001 | .14125-001 | .15567-001 |
| 8   | .22501-002   | .25841-002 | .29517-002 | .33547-002 | .37945-002 |
| 9   | .39775-003   | .46983-003 | .55158-003 | .64383-003 | .74741-003 |
| 10  | .59005-004   | .70474-004 | .85036-004 | .10194-003 | .12145-003 |
| 11  | .70985-005   | .88709-005 | .11001-004 | .13544-004 | .16562-004 |
| H   | = .26719+002 | .29147+002 | .31770+002 | .34601+002 | .37656+002 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2

THETA = .20000+002 .21000+002 .22000+002 .23000+002 .24000+002

| -I- | P(I)       |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| 0   | .12250-001 | .10347-001 | .87932-002 | .74920-002 | .63992-002 |
| 1   | .81401-001 | .72432-001 | .64483-001 | .57438-001 | .51194-001 |
| 2   | .20350+000 | .19013+000 | .17733+000 | .16514+000 | .15358+000 |
| 3   | .27134+000 | .26619+000 | .26008+000 | .25321+000 | .24573+000 |
| 4   | .22611+000 | .23291+000 | .23841+000 | .24266+000 | .24573+000 |
| 5   | .12921+000 | .13975+000 | .14986+000 | .15946+000 | .16850+000 |
| 6   | .53837-001 | .61140-001 | .68584-001 | .76408-001 | .84250-001 |
| 7   | .17091-001 | .20380-001 | .23985-001 | .27895-001 | .32095-001 |
| 8   | .42727-002 | .53497-002 | .65959-002 | .80198-002 | .96286-002 |
| 9   | .86318-003 | .11348-002 | .14656-002 | .18632-002 | .23342-002 |
| 10  | .14386-003 | .19859-003 | .26872-003 | .35711-003 | .46684-003 |
| 11  | .20121-004 | .29163-004 | .41342-004 | .57438-004 | .78351-004 |
| 12  |            |            | .54138-005 | .78635-005 | .11193-004 |
| H = | .40950+002 | .48321+002 | .56862+002 | .66738+002 | .78135+002 |

THETA = .25000+002 .30000+002 .35000+002 .40000+002 .45000+002

| -I- | P(I)       |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| 0   | .54788-002 | .26322-002 | .12937-002 | .66788-003 | .35599-003 |
| 1   | .45657-001 | .26022-001 | .15093-001 | .89051-002 | .53398-002 |
| 2   | .14268+000 | .97584-001 | .66032-001 | .44525-001 | .30036-001 |
| 3   | .23780+000 | .19517+000 | .15407+000 | .11873+000 | .90109-001 |
| 4   | .24770+000 | .24396+000 | .22469+000 | .19789+000 | .16895+000 |
| 5   | .17653+000 | .20911+000 | .22469+000 | .22615+000 | .21723+000 |
| 6   | .92152-001 | .13069+000 | .16384+000 | .18847+000 | .20365+000 |
| 7   | .36568-001 | .62235-001 | .9.021-001 | .11966+000 | .14546+000 |
| 8   | .11428-001 | .23338-001 | .39822-001 | .59831-001 | .81824-001 |
| 9   | .28857-002 | .70721-002 | .14078-001 | .24174-001 | .37193-001 |
| 10  | .60120-003 | .17680-002 | .41062-002 | .80580-002 | .13947-001 |
| 11  | .10510-003 | .37092-003 | .10050-002 | .22540-002 | .43890-002 |
| 12  | .15641-004 | .66235-004 | .20938-003 | .53667-003 | .11756-002 |
| 13  |            | .10190-004 | .37581-004 | .11809-003 | .27130-003 |
| 14  |            |            | .53720-005 | .19658-004 | .54502-004 |
| 15  |            |            |            |            | .96179-005 |
| H = | .91261+002 | .19214+003 | .38649+003 | .74864+003 | .14046+004 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2

| THETA = | .50000+002   | .55000+002 | .60000+002 | .65000+002 | .70000+002 |
|---------|--------------|------------|------------|------------|------------|
| -I-     | -----        | -----      | P(I)-----  | -----      | -----      |
| 0       | .19503-003   | .30944-003 | .52734-004 | .36646-004 | .21775-004 |
| 1       | .32505-002   | .20065-002 | .12547-002 | .79400-003 | .50808-003 |
| 2       | .20316-001   | .13795-001 | .94100-002 | .64513-002 | .44457-002 |
| 3       | .67719-001   | .50580-001 | .37640-001 | .27955-001 | .20747-001 |
| 4       | .14108+000   | .11591+000 | .94100-001 | .75713-001 | .60514-001 |
| 5       | .20154+000   | .18215+000 | .16131+000 | .14061+000 | .12102+000 |
| 6       | .20994+000   | .20871+000 | .20164+000 | .19041+000 | .17649+000 |
| 7       | .16662+000   | .18221+000 | .19204+000 | .19645+000 | .19610+000 |
| 8       | .10414+000   | .12527+000 | .14403+000 | .15962+000 | .17159+000 |
| 9       | .52595-001   | .69594-001 | .87292-001 | .10480+000 | .12133+000 |
| 10      | .21914-001   | .31897-001 | .43646-001 | .56767-001 | .70773-001 |
| 11      | .76624-002   | .12268-001 | .18313-001 | .25803-001 | .34644-001 |
| 12      | .22805-002   | .40163-002 | .65403-002 | .99833-002 | .14435-001 |
| 13      | .58474-003   | .11328-002 | .20124-002 | .33278-002 | .51818-002 |
| 14      | .13052-003   | .27815-003 | .53904-003 | .96565-003 | .16193-002 |
| 15      | .25592-004   | .59992-004 | .12683-003 | .24615-003 | .44452-003 |
| 16      | .44431-005   | .11457-004 | .26423-004 | .55554-004 | .10804-003 |
| 17      |              |            | .49084-005 | .11180-004 | .23415-004 |
| 18      |              |            |            |            | .45529-005 |
| H       | = .25637+004 | .45685+004 | .79702+004 | .13644+005 | .22962+005 |

| THETA = | .75000+002   | .80000+002 | .85000+002 | .90000+002 | .95000+002 |
|---------|--------------|------------|------------|------------|------------|
| -I-     | -----        | -----      | P(I)-----  | -----      | -----      |
| 0       | .13140-004   | .90419-005 | .45858-005 | .31282-005 | .19844-005 |
| 1       | .32850-003   | .21445-003 | .14126-003 | .93845-004 | .62840-004 |
| 2       | .30797-002   | .21445-002 | .15009-002 | .10558-002 | .74623-003 |
| 3       | .15399-001   | .11437-001 | .85053-002 | .63345-002 | .47261-002 |
| 4       | .48120-001   | .38125-001 | .30123-001 | .23754-001 | .18707-001 |
| 5       | .10312+000   | .87142-001 | .73156-001 | .51083-002 | .50777-001 |
| 6       | .16112+000   | .14524+000 | .12955+000 | .11453+000 | .10050+000 |
| 7       | .19181+000   | .18443+000 | .17479+000 | .16361+000 | .15154+000 |
| 8       | .17982+000   | .18443+000 | .18571+000 | .18407+000 | .17896+000 |
| 9       | .13623+000   | .14903+000 | .15945+000 | .16733+000 | .17269+000 |
| 10      | .85141-001   | .99355-001 | .11294+000 | .12550+000 | .13671+000 |
| 11      | .44655-001   | .55563-001 | .67133-001 | .78986-001 | .90821-001 |
| 12      | .19935-001   | .26468-001 | .33966-001 | .42334-001 | .51357-001 |
| 13      | .76673-002   | .10859-001 | .14806-001 | .19532-001 | .25020-001 |
| 14      | .25672-002   | .38781-002 | .56183-002 | .78467-002 | .10611-001 |
| 15      | .75506-003   | .12167-002 | .18728-002 | .27694-002 | .39532-002 |
| 16      | .19663-003   | .33796-003 | .55272-003 | .86544-003 | .13046-002 |
| 17      | .45657-004   | .83706-004 | .10545-003 | .22115-003 | .38353-003 |
| 18      | .95119-005   | .18601-004 | .34343-004 | .60286-004 | .10121-003 |
| 19      |              |            | .73162-005 | .13598-004 | .24098-004 |
| 20      |              |            |            |            | .52029-005 |
| H       | = .38051+005 | .62174+005 | .10026+006 | .15993+006 | .25196+006 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2

THETA = .10000+003

| -I- | P(I)         |  |  |  |  |
|-----|--------------|--|--|--|--|
| 0   | .12719-005   |  |  |  |  |
| 1   | .42395-004   |  |  |  |  |
| 2   | .52994-003   |  |  |  |  |
| 3   | .35329-002   |  |  |  |  |
| 4   | .14720-001   |  |  |  |  |
| 5   | .42059-001   |  |  |  |  |
| 6   | .87622-001   |  |  |  |  |
| 7   | .13908+000   |  |  |  |  |
| 8   | .17385+000   |  |  |  |  |
| 9   | .17561+000   |  |  |  |  |
| 10  | .14634+000   |  |  |  |  |
| 11  | .10234+000   |  |  |  |  |
| 12  | .60915-001   |  |  |  |  |
| 13  | .31238-001   |  |  |  |  |
| 14  | .13946-001   |  |  |  |  |
| 15  | .54689-002   |  |  |  |  |
| 16  | .18989-002   |  |  |  |  |
| 17  | .58790-003   |  |  |  |  |
| 18  | .16331-003   |  |  |  |  |
| 19  | .40929-004   |  |  |  |  |
| 20  | .93020-005   |  |  |  |  |
| H   | = .39313+006 |  |  |  |  |

U2 = 3

| THETA = | .00000+000   | .10000-001 | .20000-001 | .30000-001 | .40000-001 |
|---------|--------------|------------|------------|------------|------------|
| -I-     |              | P(I)       |            |            |            |
| 0       | .10000+001   | .99750+000 | .99501+000 | .99253+000 | .99006+000 |
| 1       |              | .24938-002 | .49751-002 | .74440-002 | .99006-002 |
| 2       |              |            | .99501-005 | .22332-004 | .39602-004 |
| H       | = .16667+000 | .16708+000 | .16750+000 | .16792+000 | .16634+000 |

| THETA = | .50000-001   | .60000-003 | .70000-001 | .80000-001 | .90000-001 |
|---------|--------------|------------|------------|------------|------------|
| -I-     |              | P(I)       |            |            |            |
| 0       | .98759+000   | .98513+000 | .98268+000 | .98024+000 | .97780+000 |
| 1       | .12345-001   | .14777-001 | .17197-001 | .19605-001 | .22001-001 |
| 2       | .61725-004   | .88662-004 | .12038-003 | .15684-003 | .19800-003 |
| H       | = .16876+000 | .16918+000 | .16960+000 | .17003+000 | .17045+000 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

THETA = .10000+000 .11000+000 .12000+000 .13000+000 .14000+000

| -I- |              | P(I)       |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .97537+000   | .97295+000 | .97053+000 | .96812+000 | .96572+000 |
| 1   | .24384-001   | .26756-001 | .29116-001 | .31464-001 | .33800-001 |
| 2   | .24384-003   | .29432-003 | .34939-003 | .40903-003 | .47320-003 |
| H   | = .17088+000 | .17130+000 | .17173+000 | .17215+000 | .17258+000 |

THETA = .15000+000 .16000+000 .17000+000 .18000+000 .19000+000

| -I- |              | P(I)       |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .96333+000   | .96094+000 | .95856+000 | .95612+000 | .95382+000 |
| 1   | .36125-001   | .38438-001 | .40739-001 | .43029-001 | .45307-001 |
| 2   | .54167-003   | .61500-003 | .69256-003 | .77451-003 | .86083-003 |
| 3   |              | .54667-005 | .65409-005 | .77451-005 | .90865-005 |
| H   | = .17301+000 | .17344+000 | .17387+000 | .17430+000 | .17474+000 |

THETA = .20000+000 .21000+000 .22000+000 .23000+000 .24000+000

| -I- |              | P(I)       |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .95146+000   | .94911+000 | .94677+000 | .94443+000 | .94210+000 |
| 1   | .47573-001   | .49828-001 | .52072-001 | .54305-001 | .56526-001 |
| 2   | .95146-003   | .10464-002 | .11456-002 | .12490-002 | .13566-002 |
| 3   | .10572-004   | .12208-004 | .14002-004 | .15960-004 | .18088-004 |
| H   | = .17517+000 | .17560+000 | .17604+000 | .17647+000 | .17691+000 |

THETA = .25000+000 .26000+000 .27000+000 .28000+000 .29000+000

| -I- |              | P(I)       |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .93978+000   | .93746+000 | .93515+000 | .93284+000 | .93055+000 |
| 1   | .58736-001   | .60935-001 | .63122-001 | .65299-001 | .67465-001 |
| 2   | .14684-002   | .15843-002 | .17043-002 | .18284-002 | .19565-002 |
| 3   | .20394-004   | .22884-004 | .25565-004 | .28441-004 | .31521-004 |
| H   | = .17735+000 | .17779+000 | .17823+000 | .17867+000 | .17911+000 |

THETA = .30000+000 .31000+000 .32000+000 .33000+000 .34000+000

| -I- |              | P(I)       |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .92826+000   | .92597+000 | .92370+000 | .92143+000 | .91916+000 |
| 1   | .69619-001   | .71763-001 | .73896-001 | .76018-001 | .78129-001 |
| 2   | .20886-002   | .22247-002 | .23647-002 | .25096-002 | .26564-002 |
| 3   | .34810-004   | .38313-004 | .42038-004 | .45991-004 | .50176-004 |
| H   | = .17955+000 | .17999+000 | .18043+000 | .18088+000 | .18132+000 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 3

| THETA = | .35000+000 | .36000+000 | .37000+000 | .38000+000 | .39000+000 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | P(I)       |            |            |
| 0       | .91691+000 | .91466+000 | .91241+000 | .91018+000 | .90795+000 |
| 1       | .80229-001 | .82319-001 | .84398-001 | .86467-001 | .88525-001 |
| 2       | .28080-002 | .29635-002 | .31227-002 | .32857-002 | .34525-002 |
| 3       | .54601-004 | .59270-004 | .64190-004 | .69366-004 | .74803-004 |
| H =     | .18177+000 | .18222+000 | .18267+000 | .18311+000 | .18356+000 |
| THETA = | .40000+000 | .41000+000 | .42000+000 | .43000+000 | .44000+000 |
| -I-     |            |            | P(I)       |            |            |
| 0       | .90572+000 | .90351+000 | .90130+000 | .89909+000 | .89689+000 |
| 1       | .90572-001 | .92609-001 | .94636-001 | .96652-001 | .98658-001 |
| 2       | .36229-002 | .37970-002 | .39747-002 | .41560-002 | .43410-002 |
| 3       | .80509-004 | .86487-004 | .92743-004 | .99283-004 | .10611-003 |
| H =     | .18402+000 | .18447+000 | .18492+000 | .18537+000 | .18583+000 |
| THETA = | .45000+000 | .46000+000 | .47000+000 | .48000+000 | .49000+000 |
| -I-     |            |            | P(I)       |            |            |
| 0       | .89470+000 | .89252+000 | .89034+000 | .88817+000 | .88600+000 |
| 1       | .10065+000 | .10264+000 | .10461+000 | .10658+000 | .10853+000 |
| 2       | .45294-002 | .47214-002 | .49169-002 | .51158-002 | .53182-002 |
| 3       | .11324-003 | .12066-003 | .12839-003 | .13642-003 | .14477-003 |
| H =     | .18628+000 | .18674+000 | .18719+000 | .18765+000 | .18811+000 |
| THETA = | .50000+000 | .60000+000 | .70000+000 | .80000+000 | .90000+000 |
| -I-     |            |            | P(I)       |            |            |
| 0       | .88384+000 | .86258+000 | .84194+000 | .82187+000 | .80238+000 |
| 1       | .11048+000 | .12939+000 | .14734+000 | .16437+000 | .18053+000 |
| 2       | .55240-002 | .77633-002 | .10314-001 | .13150-001 | .16248-001 |
| 3       | .15344-003 | .25878-003 | .40109-003 | .58444-003 | .81241-003 |
| 4       |            | .55452-005 | .10027-004 | .16698-004 | .26113-004 |
| H =     | .18857+000 | .19322+000 | .19796+000 | .20279+000 | .20772+000 |
| THETA = | .10000+001 | .11000+001 | .12000+001 | .13000+001 | .14000+001 |
| -I-     |            |            | P(I)       |            |            |
| 0       | .78343+000 | .76501+000 | .74710+000 | .72969+000 | .71275+000 |
| 1       | .19586+000 | .21038+000 | .22413+000 | .23715+000 | .24946+000 |
| 2       | .19586-001 | .23142-001 | .26896-001 | .30829-001 | .34925-001 |
| 3       | .10881-002 | .14142-002 | .17930-002 | .22266-002 | .27164-002 |
| 4       | .38861-004 | .55558-004 | .76845-004 | .10338-003 | .13582-003 |
| H =     | .21274+000 | .21786+000 | .22308+000 | .22841+000 | .23383+000 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 3$

$\Theta\text{ETA} = .15000+001 .16000+001 .17000+001 .18000+001 .19000+001$

| $-I-$ |              | $P(I)$     |            |            |            |
|-------|--------------|------------|------------|------------|------------|
| 0     | .69628+000   | .68026+000 | .66467+000 | .64950+000 | .63474+000 |
| 1     | .26111+000   | .27210+000 | .28248+000 | .29228+000 | .30150+000 |
| 2     | .39166-001   | .43537-001 | .48022-001 | .52610-001 | .57285-001 |
| 3     | .32638-002   | .38699-002 | .45354-002 | .52610-002 | .60468-002 |
| 4     | .17485-003   | .22114-003 | .27537-003 | .33820-003 | .41032-003 |
| 5     | .65568-005   | .88455-005 | .11703-004 | .15219-004 | .19490-004 |
| H     | = .23937+000 | .24500+000 | .25075+000 | .25661+000 | .26258+000 |

$\Theta\text{ETA} = .20000+001 .21000+001 .22000+001 .23000+001 .24000+001$

| $-I-$ |              | $P(I)$     |            |            |            |
|-------|--------------|------------|------------|------------|------------|
| 0     | .62037+000   | .60638+000 | .59276+000 | .57950+000 | .56659+000 |
| 1     | .31018+000   | .31835+000 | .32602+000 | .33321+000 | .33995+000 |
| 2     | .62037-001   | .66853-001 | .71724-001 | .76639-001 | .81589-001 |
| 3     | .68930-002   | .77996-002 | .87663-002 | .97928-002 | .10879-001 |
| 4     | .49236-003   | .58497-003 | .68878-003 | .80441-003 | .93244-003 |
| 5     | .24618-004   | .30711-004 | .37883-004 | .46253-004 | .55947-004 |
| H     | = .26866+000 | .27485+000 | .28117+000 | .28760+000 | .29416+000 |

$\Theta\text{ETA} = .25000+001 .26000+001 .27000+001 .28000+001 .29000+001$

| $-I-$ |              | $P(I)$     |            |            |            |
|-------|--------------|------------|------------|------------|------------|
| 0     | .55401+000   | .54176+000 | .52983+000 | .51820+000 | .50687+000 |
| 1     | .34626+000   | .35214+000 | .35763+000 | .36274+000 | .36748+000 |
| 2     | .86564-001   | .91558-001 | .96561-001 | .10157+000 | .10657+000 |
| 3     | .12023-001   | .13225-001 | .14484-001 | .15799-001 | .17169-001 |
| 4     | .10735-002   | .12280-002 | .13967-002 | .15799-002 | .17783-002 |
| 5     | .67092-004   | .79822-004 | .94276-004 | .11060-003 | .12892-003 |
| 6     |              |            |            | .57346-005 | .69237-005 |
| H     | = .30084+000 | .30764+000 | .31457+000 | .32163+000 | .32882+000 |

$\Theta\text{ETA} = .30000+001 .31000+001 .32000+001 .33000+001 .34000+001$

| $-I-$ |              | $P(I)$     |            |            |            |
|-------|--------------|------------|------------|------------|------------|
| 0     | .49583+000   | .48506+000 | .47457+000 | .46435+000 | .45438+000 |
| 1     | .37187+000   | .37592+000 | .37956+000 | .38309+000 | .38622+000 |
| 2     | .11156+000   | .11654+000 | .12149+000 | .12642+000 | .13131+000 |
| 3     | .16593-001   | .20070-001 | .21598-001 | .23177-001 | .24804-001 |
| 4     | .19922-002   | .22221-002 | .24684-002 | .27315-002 | .30119-002 |
| 5     | .14941-003   | .17221-003 | .19747-003 | .22535-003 | .25601-003 |
| 6     | .83007-005   | .98861-005 | .11702-004 | .13772-004 | .16119-004 |
| H     | = .33614+000 | .34360+000 | .35119+000 | .35893+000 | .36680+000 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

THETA= .35000+001 .36000+001 .37000+001 .38000+001 .39000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .44465+000   | .43517+000 | .42593+000 | .41691+000 | .40811+000 |
| 1   | .38907+000   | .39166+000 | .39398+000 | .39606+000 | .39791+000 |
| 2   | .13618+000   | .14100+000 | .14577+000 | .15050+000 | .15518+000 |
| 3   | .26479-001   | .28199-001 | .29965-001 | .31773-001 | .33623-001 |
| 4   | .33098-002   | .36256-002 | .39596-002 | .43121-002 | .46832-002 |
| 5   | .28961-003   | .32631-003 | .36626-003 | .40965-003 | .45662-003 |
| 6   | .18771-004   | .21754-004 | .25096-004 | .28827-004 | .32978-004 |
| H   | = .37482+000 | .38299+000 | .39130+000 | .39977+000 | .40839+000 |

THETA= .40000+001 .41000+001 .42000+001 .43000+001 .44000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .39953+000   | .39115+000 | .38298+000 | .37501+000 | .36723+000 |
| 1   | .39953+000   | .40093+000 | .40213+000 | .40313+000 | .40395+000 |
| 2   | .15981+000   | .16438+000 | .16890+000 | .17335+000 | .17774+000 |
| 3   | .35514-001   | .37443-001 | .39409-001 | .41411-001 | .43447-001 |
| 4   | .50734-002   | .54827-002 | .59113-002 | .63595-002 | .68274-002 |
| 5   | .50734-003   | .56197-003 | .62069-003 | .68365-003 | .75101-003 |
| 6   | .37580-004   | .42668-004 | .48276-004 | .54439-004 | .61193-004 |
| H   | = .41716+000 | .42609+000 | .43518+000 | .44444+000 | .45385+000 |

THETA= .45000+001 .46000+001 .47000+001 .48000+001 .49000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .35963+000   | .35221+000 | .34497+000 | .33791+000 | .33101+000 |
| 1   | .40458+000   | .40505+000 | .40535+000 | .40549+000 | .40548+000 |
| 2   | .18206+000   | .18632+000 | .19051+000 | .19463+000 | .19869+000 |
| 3   | .45516-001   | .47615-001 | .49745-001 | .51903-001 | .54087-001 |
| 4   | .73150-002   | .78225-002 | .83500-002 | .88976-002 | .94652-002 |
| 5   | .82294-003   | .89959-003 | .98113-003 | .10677-002 | .11595-002 |
| 6   | .68578-004   | .76632-004 | .85395-004 | .94908-004 | .10521-003 |
| 7   |              | .50358-005 | .57336-005 | .65079-005 | .73649-005 |
| H   | = .46344+000 | .47320+000 | .48313+000 | .49323+000 | .50352+000 |

THETA= .50000+001 .52000+001 .54000+001 .56000+001 .58000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .32427+000   | .31126+000 | .29885+000 | .28700+000 | .27569+000 |
| 1   | .40533+000   | .40464+000 | .40344+000 | .40180+000 | .39976+000 |
| 2   | .20267+000   | .21041+000 | .21796+000 | .22501+000 | .23186+000 |
| 3   | .56296-001   | .60785-001 | .65358-001 | .70003-001 | .74710-001 |
| 4   | .10053-001   | .11289-001 | .12605-001 | .14001-001 | .15476-001 |
| 5   | .12566-002   | .14675-002 | .17016-002 | .19601-002 | .22440-002 |
| 6   | .11635-003   | .14132-003 | .17016-003 | .20327-003 | .24102-003 |
| 7   | .83110-005   | .10498-004 | .13127-004 | .16261-004 | .19970-004 |
| H   | = .51398+000 | .53546+000 | .55770+000 | .58072+000 | .60454+000 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

THETA = .60000+001 .62000+001 .64000+001 .66000+001 .68000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .26489+000   | .25458+000 | .24472+000 | .23529+000 | .22628+000 |
| 1   | .39734+000   | .39459+000 | .39155+000 | .38823+000 | .38468+000 |
| 2   | .23840+000   | .24465+000 | .25059+000 | .25623+000 | .26158+000 |
| 3   | .79468-001   | .84268-001 | .89099-001 | .93952-001 | .98819-001 |
| 4   | .17029-001   | .18659-001 | .20365-001 | .22146-001 | .23999-001 |
| 5   | .25543-002   | .28922-002 | .32585-002 | .36541-002 | .40798-002 |
| 6   | .28381-003   | .33207-003 | .38619-003 | .44661-003 | .51375-003 |
| 7   | .24327-004   | .29412-004 | .35309-004 | .42109-004 | .49907-004 |
| H   | = .62918+000 | .65468+000 | .68106+000 | .70834+000 | .73655+000 |

THETA = .70000+001 .72000+001 .74000+001 .76000+001 .78000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .21766+000   | .20941+000 | .20152+000 | .19397+000 | .18673+000 |
| 1   | .38090+000   | .37694+000 | .37281+000 | .36853+000 | .36412+000 |
| 2   | .26663+000   | .27140+000 | .27588+000 | .28009+000 | .28402+000 |
| 3   | .10369+000   | .10856+000 | .11342+000 | .11826+000 | .12307+000 |
| 4   | .25923-001   | .27915-001 | .29975-001 | .32099-001 | .34285-001 |
| 5   | .45385-002   | .50248-002 | .55453-002 | .60988-002 | .66856-002 |
| 6   | .58806-003   | .66997-003 | .75992-003 | .85834-003 | .96569-003 |
| 7   | .58806-004   | .68911-004 | .80334-004 | .93191-004 | .10761-003 |
| 8   |              | .56382-005 | .67553-005 | .80484-005 | .95378-005 |
| H   | = .76572+000 | .79588+000 | .82705+000 | .85926+000 | .89255+000 |

THETA = .80000+001 .82000+001 .84000+001 .86000+001 .88000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .17980+000   | .17316+000 | .16680+000 | .16070+000 | .15486+000 |
| 1   | .35960+000   | .35498+000 | .35028+000 | .34551+000 | .34069+000 |
| 2   | .28768+000   | .29109+000 | .29424+000 | .29714+000 | .29980+000 |
| 3   | .12786+000   | .13261+000 | .13731+000 | .14197+000 | .14657+000 |
| 4   | .36531-001   | .38835-001 | .41193-001 | .43604-001 | .46065-001 |
| 5   | .73062-002   | .79611-002 | .86506-002 | .93749-002 | .10134-001 |
| 6   | .10824-002   | .12089-002 | .13456-002 | .14930-002 | .16515-002 |
| 7   | .12370-003   | .14162-003 | .16148-003 | .18343-003 | .20762-003 |
| 8   | .11246-004   | .13196-004 | .15414-004 | .17926-004 | .20762-004 |
| H   | = .92695+000 | .96249+000 | .99919+000 | .10371+001 | .10763+001 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

THETA = .90000+001 .92000+001 .94000+001 .96000+001 .98000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .14925+000   | .14387+000 | .13871+000 | .13376+000 | .12901+000 |
| 1   | .33581+000   | .33091+000 | .32598+000 | .32103+000 | .31607+000 |
| 2   | .30223+000   | .30444+000 | .30642+000 | .30819+000 | .30975+000 |
| 3   | .15112+000   | .15560+000 | .16002+000 | .16437+000 | .16864+000 |
| 4   | .48573-001   | .51126-001 | .53721-001 | .56354-001 | .59025-001 |
| 5   | .10929-001   | .11759-001 | .12624-001 | .13525-001 | .14461-001 |
| 6   | .18215-002   | .20034-002 | .21976-002 | .24045-002 | .26244-002 |
| 7   | .23419-003   | .26330-003 | .29510-003 | .32975-003 | .36742-003 |
| 8   | .23951-004   | .27527-004 | .31522-004 | .35973-004 | .40917-004 |
| H   | = .11167+001 | .11584+001 | .12015+001 | .12460+001 | .12919+001 |

THETA = .10000+002 .10200+002 .10400+002 .10600+002 .10800+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .12445+000   | .12006+000 | .11586+000 | .11381+000 | .10793+000 |
| 1   | .31112+000   | .30616+000 | .30123+000 | .29630+000 | .29140+000 |
| 2   | .31112+000   | .31229+000 | .31327+000 | .31408+000 | .31472+000 |
| 3   | .17284+000   | .17696+000 | .18100+000 | .18496+000 | .18883+000 |
| 4   | .51729-001   | .64465-001 | .67230-001 | .70020-001 | .72834-001 |
| 5   | .15432-001   | .16439-001 | .17480-001 | .18555-001 | .19665-001 |
| 6   | .28578-002   | .31051-002 | .33665-002 | .36424-002 | .39331-002 |
| 7   | .40826-003   | .45245-003 | .50016-003 | .55196-003 | .60681-003 |
| 8   | .46394-004   | .52443-004 | .59110-004 | .66437-004 | .74473-004 |
| 9   |              | .49530-005 | .56921-005 | .65207-005 | .74473-005 |
| H   | = .13393+001 | .13881+001 | .14386+001 | .14906+001 | .15442+001 |

THETA = .11000+002 .11200+002 .11400+002 .11600+002 .11800+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .10419+000   | .10060+000 | .97153-001 | .93934-001 | .90642-001 |
| 1   | .28653+000   | .28169+000 | .27689+000 | .27212+000 | .26739+000 |
| 2   | .31519+000   | .31549+000 | .31565+000 | .31566+000 | .31553+000 |
| 3   | .19261+000   | .19631+000 | .19991+000 | .20342+000 | .20684+000 |
| 4   | .75669-001   | .78523-001 | .81393-001 | .84276-001 | .87170-001 |
| 5   | .20809-001   | .21986-001 | .23197-001 | .24440-001 | .25715-001 |
| 6   | .42389-002   | .45602-002 | .48971-002 | .52501-002 | .56192-002 |
| 7   | .66611-003   | .72962-003 | .79753-003 | .87001-003 | .94724-003 |
| 8   | .83264-004   | .92861-004 | .10332-003 | .11468-003 | .12702-003 |
| 9   | .84806-005   | .96301-005 | .10906-004 | .12318-004 | .13878-004 |
| H   | = .15996+001 | .16567+001 | .17155+001 | .17762+001 | .18387+001 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

THETA= .12000+002 .12200+002 .12400+002 .12600+002 .12800+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .87571-001   | .84617-001 | .81773-001 | .79036-001 | .76401-001 |
| 1   | .26271+000   | .25808+000 | .25350+000 | .24896+000 | .24448+000 |
| 2   | .31526+000   | .31486+000 | .31434+000 | .31369+000 | .31294+000 |
| 3   | .21017+000   | .21340+000 | .21654+000 | .21959+000 | .22253+000 |
| 4   | .90073-001   | .92983-001 | .95897-001 | .98814-001 | .10173+000 |
| 5   | .27022-001   | .28360-001 | .29728-001 | .31126-001 | .32554-001 |
| 6   | .60049-002   | .64072-002 | .68265-002 | .72628-002 | .77164-002 |
| 7   | .10294-002   | .11167-002 | .12093-002 | .13073-002 | .14110-002 |
| 8   | .24037-003   | .15481-003 | .17040-003 | .18718-003 | .20524-003 |
| 9   | .15597-004   | .17488-004 | .19564-004 | .21839-004 | .24324-004 |
| H   | = .19032+001 | .19697+001 | .20382+001 | .21087+001 | .21815+001 |

THETA= .13000+002 .13200+002 .13400+002 .13600+002 .13800+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .73864-001   | .71421-001 | .69067-001 | .66800-001 | .64615-001 |
| 1   | .24006+000   | .23569+000 | .23137+000 | .22712+000 | .22292+000 |
| 2   | .31207+000   | .31111+000 | .31004+000 | .30888+000 | .30763+000 |
| 3   | .22539+000   | .22615+000 | .23081+000 | .23338+000 | .23585+000 |
| 4   | .10464+000   | .10755+000 | .11046+000 | .11335+000 | .11624+000 |
| 5   | .34009-001   | .31093-001 | .37004-001 | .38541-001 | .40103-001 |
| 6   | .81874-002   | .86761-002 | .91824-002 | .97065-002 | .10249-001 |
| 7   | .15205-002   | .16361-002 | .17578-002 | .18858-002 | .20204-002 |
| 8   | .22462-003   | .24541-003 | .26766-003 | .29145-003 | .31684-003 |
| 9   | .27038-004   | .29994-004 | .33210-004 | .36701-004 | .40485-004 |
| H   | = .22554+001 | .23336+001 | .24131+001 | .24950+001 | .25794+001 |

THETA= .14000+002 .14200+002 .14400+002 .14600+002 .14800+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .62510-001   | .60481-001 | .58525-001 | .56639-001 | .54821-001 |
| 1   | .21879+000   | .21471+000 | .21069+000 | .20673+000 | .20284+000 |
| 2   | .30630+000   | .30489+000 | .30339+000 | .30183+000 | .30020+000 |
| 3   | .25823+000   | .24052+000 | .24272+000 | .24482+000 | .24683+000 |
| 4   | .11912+000   | .12198+000 | .12483+000 | .12766+000 | .13047+000 |
| 5   | .41691-001   | .43302-001 | .44937-001 | .46594-001 | .48273-001 |
| 6   | .10809-001   | .11387-001 | .11983-001 | .12598-001 | .13230-001 |
| 7   | .21617-002   | .23099-002 | .24651-002 | .26275-002 | .27973-002 |
| 8   | .34391-003   | .37274-003 | .40338-003 | .43593-003 | .47045-003 |
| 9   | .44581-004   | .49008-004 | .53784-004 | .58931-004 | .64469-004 |
| 10  | .49011-005   | .53532-005 | .59577-005 | .66184-005 | .73396-005 |
| H   | = .26662+001 | .27557+001 | .28478+001 | .29426+001 | .30402+001 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 3$

| THETA = | .15000+002   | .15500+002 | .16000+002 | .16500+002 | .17000+002 |
|---------|--------------|------------|------------|------------|------------|
| -I-     | P(I)         |            |            |            |            |
| 0       | .53067-001   | .48949-001 | .45183-001 | .41736-001 | .38577-001 |
| 1       | .14900+000   | .18968+000 | .18073+000 | .17216+000 | .16395+000 |
| 2       | .29850+000   | .29400+000 | .28917+000 | .28407+000 | .27872+000 |
| 3       | .24875+000   | .25317+000 | .25704+000 | .26039+000 | .26324+000 |
| 4       | .13326+000   | .14015+000 | .14688+000 | .15345+000 | .15982+000 |
| 5       | .49973-001   | .54307-001 | .58753-001 | .63296-001 | .67925-001 |
| 6       | .13881-001   | .15588-001 | .17408-001 | .19341-001 | .21384-001 |
| 7       | .29746-002   | .34517-002 | .39790-002 | .45588-002 | .51932-002 |
| 8       | .50703-003   | .60796-003 | .72346-003 | .85478-003 | .10032-002 |
| 9       | .70420-004   | .87254-004 | .10718-003 | .13059-003 | .15792-003 |
| 10      | .81254-005   | .10403-004 | .13191-004 | .16575-004 | .20651-004 |
| H       | = .31407+001 | .34049+001 | .36887+001 | .39934+001 | .43203+001 |

| THETA = | .17500+002   | .18000+002 | .18500+002 | .19000+002 | .19500+002 |
|---------|--------------|------------|------------|------------|------------|
| -I-     | P(I)         |            |            |            |            |
| 0       | .35681-001   | .33024-001 | .30583-001 | .28340-001 | .26276-001 |
| 1       | .15611+000   | .14861+000 | .14145+000 | .13461+000 | .12810+000 |
| 2       | .27319+000   | .26749+000 | .26168+000 | .25577+000 | .24979+000 |
| 3       | .26560+000   | .26749+000 | .26894+000 | .26997+000 | .27061+000 |
| 4       | .16600+000   | .17196+000 | .17770+000 | .18320+000 | .18846+000 |
| 5       | .72624-001   | .77382-001 | .82184-001 | .87019-001 | .91873-001 |
| 6       | .23536-001   | .25794-001 | .28156-001 | .30618-001 | .33176-001 |
| 7       | .58839-002   | .66327-002 | .74411-002 | .83105-002 | .92420-002 |
| 8       | .11701-002   | .13567-002 | .15643-002 | .17943-002 | .20479-002 |
| 9       | .18960-003   | .22612-003 | .26796-003 | .31567-003 | .36977-003 |
| 10      | .25523-004   | .31308-004 | .38133-004 | .46136-004 | .55465-004 |
| 11      |              |            | .45809-005 | .56921-005 | .70232-005 |
| H       | = .46710+001 | .50469+001 | .54497+001 | .58810+001 | .63428+001 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 3

| THE TA = | .20000+002 | .21000+002 | .22000+002 | .23000+002 | .24000+002 |
|----------|------------|------------|------------|------------|------------|
| -I-      | P(I)       |            |            |            |            |
| 0        | .24377-001 | .21016-001 | .18157-001 | .15718-001 | .13534-001 |
| 1        | .12189+000 | .11033+000 | .99862-001 | .90381-001 | .81804-001 |
| 2        | .24377+000 | .23170+000 | .21970+000 | .20788+000 | .19633+000 |
| 3        | .27086+000 | .27032+000 | .26852+000 | .26562+000 | .26177+000 |
| 4        | .19347+000 | .20274+000 | .21098+000 | .21819+000 | .22438+000 |
| 5        | .96735-001 | .10644+000 | .11604+000 | .12546+000 | .13463+000 |
| 6        | .35828-001 | .41392-001 | .47275-001 | .53436-001 | .59834-001 |
| 7        | .10237-001 | .12418-001 | .14858-001 | .17557-001 | .20514-001 |
| 8        | .23265-002 | .29633-002 | .37144-002 | .45889-002 | .55948-002 |
| 9        | .43083-003 | .57620-003 | .75665-003 | .97726-003 | .12433-002 |
| 10       | .66282-004 | .93079-004 | .12805-003 | .17290-003 | .22953-003 |
| 11       | .86080-005 | .12693-004 | .18293-004 | .25823-004 | .35771-004 |
| 12       |            |            |            |            | .47695-005 |
| H =      | .68370+001 | .79305+001 | .91794+001 | .10603+002 | .12224+002 |

| THE TA = | .25000+002 | .30000+002 | .35000+002 | .40000+002 | .45000+002 |
|----------|------------|------------|------------|------------|------------|
| -I-      | P(I)       |            |            |            |            |
| 0        | .11848-001 | .60224-002 | .31760-002 | .17275-002 | .96500-003 |
| 1        | .74050-001 | .45168-001 | .27790-001 | .17275-001 | .10856-001 |
| 2        | .18513+000 | .13550+000 | .97264-001 | .69102-001 | .48853-001 |
| 3        | .25712+000 | .22584+000 | .18912+000 | .15356+000 | .12213+000 |
| 4        | .22957+000 | .24197+000 | .23640+000 | .21937+000 | .19628+000 |
| 5        | .14348+000 | .18148+000 | .20685+000 | .21937+000 | .22082+000 |
| 6        | .66427-001 | .10082+000 | .13407+000 | .16250+000 | .18402+000 |
| 7        | .23724-001 | .43209-001 | .67036-001 | .92856-001 | .11830+000 |
| 8        | .67397-002 | .14730-001 | .26662-001 | .42207-001 | .60492-001 |
| 9        | .15601-002 | .40918-002 | .86405-002 | .15632-001 | .25205-001 |
| 10       | .30002-003 | .94426-003 | .23263-002 | .48099-002 | .87249-002 |
| 11       | .48705-004 | .18395-003 | .52870-003 | .12493-002 | .25495-002 |
| 12       | .67646-005 | .30658-004 | .10280-003 | .27763-003 | .63737-003 |
| 13       |            | .44218-005 | .17299-004 | .53390-004 | .13789-003 |
| 14       |            |            |            | .89731-005 | .26072-004 |
| 15       |            |            |            |            | .43453-005 |
| H =      | .14067+002 | .27674+002 | .52478+002 | .96476+002 | .17271+003 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 3$

| $\Theta\eta\eta$ | .50000+002   | .55000+002 | .50000+002 | .65000+002 | .70000+002 |
|------------------|--------------|------------|------------|------------|------------|
| -I-              |              |            | P(I)       |            |            |
| 0                | .55166-003   | .32187-003 | .19125-003 | .11551-003 | .70883-004 |
| 1                | .68957-002   | .44257-002 | .28687-002 | .18770-002 | .12390-002 |
| 2                | .34479-001   | .24341-001 | .17212-001 | .12200-001 | .86733-002 |
| 3                | .95774-001   | .74377-001 | .57374-001 | .44057-001 | .33730-001 |
| 4                | .17103+000   | .14610+000 | .12294+000 | .10227+000 | .84324-001 |
| 5                | .21378+000   | .20088+000 | .18442+000 | .16620+000 | .14757+000 |
| 6                | .19795+000   | .20460+000 | .20491+000 | .20005+000 | .19129+000 |
| 7                | .14139+000   | .16076+000 | .17563+000 | .18576+000 | .19129+000 |
| 8                | .80335-001   | .10048+000 | .11375+000 | .13721+000 | .15216+000 |
| 9                | .37192-001   | .51168-001 | .66528-001 | .82580-001 | .98624-001 |
| 10               | .14305-001   | .21648-001 | .30705-001 | .41290-001 | .53105-001 |
| 11               | .46444-002   | .77314-002 | .11963-001 | .17428-001 | .24139-001 |
| 12               | .12901-002   | .23624-002 | .39877-002 | .62933-002 | .93873-002 |
| 13               | .31012-003   | .62467-003 | .11503-002 | .19667-002 | .31592-002 |
| 14               | .65152-004   | .14436-003 | .28999-003 | .53711-003 | .92917-003 |
| 15               | .12065-004   | .29406-004 | .64442-004 | .12930-003 | .24090-003 |
| 16               |              | .53201-005 | .12719-004 | .27647-004 | .55470-004 |
| 17               |              |            |            | .52855-005 | .11420-004 |
| H                | = .30212+003 | .51781+000 | .87148+003 | .14429+004 | .23540+004 |

| $\Theta\eta\eta$ | .75000+002   | .80000+002 | .85000+002 | .90000+002 | .95000+002 |
|------------------|--------------|------------|------------|------------|------------|
| -I-              |              |            | P(I)       |            |            |
| 0                | .43990-004   | .27672-004 | .17607-004 | .11322-004 | .73519-005 |
| 1                | .82482-003   | .53344-003 | .37415-003 | .25470-003 | .17461-003 |
| 2                | .61861-002   | .44276-002 | .31803-002 | .22926-002 | .16588-002 |
| 3                | .25776-001   | .19679-001 | .15018-001 | .11463-001 | .87547-002 |
| 4                | .69042-001   | .56223-001 | .45590-001 | .36846-001 | .29703-001 |
| 5                | .12945+000   | .11245+000 | .96879-001 | .82904-001 | .70546-001 |
| 6                | .17980+000   | .16659+000 | .15249+000 | .13817+000 | .12411+000 |
| 7                | .19264+000   | .19033+000 | .18517+000 | .17765+000 | .16843+000 |
| 8                | .16418+000   | .17308+000 | .17886+000 | .18169+000 | .18183+000 |
| 9                | .11401+000   | .12620+000 | .14077+000 | .15141+000 | .15994+000 |
| 10               | .65778-001   | .78895-001 | .92041-001 | .10482+000 | .11688+000 |
| 11               | .32035-001   | .40385-001 | .50802-001 | .61259-001 | .72102-001 |
| 12               | .13348-001   | .38215-001 | .23990-001 | .30629-001 | .38054-001 |
| 13               | .48129-002   | .70059-002 | .98035-002 | .13253-001 | .17380-001 |
| 14               | .15167-002   | .23549-002 | .35013-002 | .50117-002 | .69376-002 |
| 15               | .42130-003   | .69776-003 | .11822-002 | .16706-002 | .24410-002 |
| 16               | .10394-003   | .18362-003 | .30819-003 | .49457-003 | .76281-003 |
| 17               | .22928-004   | .43205-004 | .77049-004 | .13092-003 | .21314-003 |
| 18               | .45491-005   | .91439-005 | .17326-004 | .31171-004 | .53567-004 |
| 19               |              |            |            | .67114-005 | .12174-004 |
| H                | = .37887+004 | .60229+004 | .94659+004 | .14721+005 | .22670+005 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

THETA = .10000+003

| -I- | P(I)         |  |  |  |  |
|-----|--------------|--|--|--|--|
| 0   | .48180-005   |  |  |  |  |
| 1   | .12045-003   |  |  |  |  |
| 2   | .12045-002   |  |  |  |  |
| 3   | .66917-002   |  |  |  |  |
| 4   | .23899-001   |  |  |  |  |
| 5   | .59747-001   |  |  |  |  |
| 6   | .11064+000   |  |  |  |  |
| 7   | .15805+000   |  |  |  |  |
| 8   | .17962+000   |  |  |  |  |
| 9   | .16631+000   |  |  |  |  |
| 10  | .12793+000   |  |  |  |  |
| 11  | .83072-001   |  |  |  |  |
| 12  | .46151-001   |  |  |  |  |
| 13  | .22188-001   |  |  |  |  |
| 14  | .93227-002   |  |  |  |  |
| 15  | .34529-002   |  |  |  |  |
| 16  | .11358-002   |  |  |  |  |
| 17  | .33405-003   |  |  |  |  |
| 18  | .88376-004   |  |  |  |  |
| 19  | .21143-004   |  |  |  |  |
| 20  | .45962-005   |  |  |  |  |
| H   | = .34592+005 |  |  |  |  |

U2 = 4

THETA = .00000+000 .10000-001 .20000-001 .30000-001 .40000-001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .10000+001   | .99800+000 | .99601+000 | .99402+000 | .99204+000 |
| 1   |              | .19960-002 | .39840-002 | .59641-002 | .79363-002 |
| 2   |              |            | .66401-005 | .14910-004 | .26454-004 |
| H   | = .41667-001 | .41750-001 | .41834-001 | .41917-001 | .42001-001 |

THETA = .50000-001 .60000-001 .70000-001 .80000-001 .90000-001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .95006+000   | .98808+000 | .98611+000 | .98415+000 | .98219+000 |
| 1   | .99006-002   | .11857-C01 | .13806-001 | .15746-001 | .17679-001 |
| 2   | .61252-004   | .59295-004 | .80533-004 | .10498-003 | .13260-003 |
| H   | = .42085-001 | .42169-001 | .42253-001 | .42338-001 | .42422-001 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 4

| THETA = .10000+000 |              | .11000+000 | .12000+000 | .13000+000 | .14000+000 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .98023+000   | .97828+000 | .97633+000 | .97439+000 | .97245+000 |
| 1                  | .19605-001   | .21522-001 | .23432-001 | .25334-001 | .27229-001 |
| 2                  | .16337-003   | .19729-003 | .23432-003 | .27445-003 | .31767-003 |
| H                  | = .42507-001 | .42592-001 | .42677-001 | .42762-001 | .42847-001 |
| THETA = .15000+000 |              | .16000+000 | .17000+000 | .18000+000 | .19000+000 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .97052+000   | .96859+000 | .96666+000 | .96474+000 | .96283+000 |
| 1                  | .29116-001   | .30995-001 | .32867-001 | .34731-001 | .36587-001 |
| 2                  | .36394-003   | .41326-003 | .46561-003 | .52096-003 | .57930-003 |
| 3                  |              |            |            |            | .52413-005 |
| H                  | = .42932-001 | .43018-001 | .43104-001 | .43189-001 | .43275-001 |
| THETA = .20000+000 |              | .21000+000 | .22000+000 | .23000+000 | .24000+000 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .96092+000   | .95901+000 | .95711+000 | .95521+000 | .95332+000 |
| 1                  | .38437-001   | .40278-001 | .42113-001 | .43940-001 | .45759-001 |
| 2                  | .64061-003   | .70487-003 | .77207-003 | .84218-003 | .91518-003 |
| 3                  | .61011-005   | .70487-005 | .80883-005 | .92238-005 | .10459-004 |
| H                  | = .43361-001 | .43448-001 | .43534-001 | .43620-001 | .43707-001 |
| THETA = .25000+000 |              | .26000+000 | .27000+000 | .28000+000 | .29000+000 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .95143+000   | .94954+000 | .94766+000 | .94578+000 | .94391+000 |
| 1                  | .47571-001   | .49376-001 | .51174-001 | .52964-001 | .54747-001 |
| 2                  | .99107-003   | .10698-002 | .11514-002 | .12358-002 | .13230-002 |
| 3                  | .11798-004   | .13245-004 | .14804-004 | .16478-004 | .18271-004 |
| H                  | = .43794-001 | .43881-001 | .43968-001 | .44055-001 | .44143-001 |
| THETA = .30000+000 |              | .31000+000 | .32000+000 | .33000+000 | .34000+000 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .94204+000   | .94018+000 | .93832+000 | .93647+000 | .93462+000 |
| 1                  | .56523-001   | .58291-001 | .60053-001 | .61807-001 | .63554-001 |
| 2                  | .14131-002   | .15059-002 | .16014-002 | .16997-002 | .18007-002 |
| 3                  | .20187-004   | .22229-004 | .24402-004 | .26709-004 | .29154-004 |
| H                  | = .44230-001 | .44318-001 | .44406-001 | .44493-001 | .44582-001 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = \*

| THETA = | .35000+000 | .36000+000 | .37000+000 | .38000+000 | .39000+000 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | P(I)       |            |            |
| 0       | .93277+000 | .93093+000 | .92909+000 | .92726+000 | .92543+000 |
| 1       | .65294-001 | .67027-001 | .68753-001 | .70471-001 | .72183-001 |
| 2       | .19044-002 | .20108-002 | .21199-002 | .22316-002 | .23460-002 |
| 3       | .31740-004 | .34471-004 | .37350-004 | .40381-004 | .43568-004 |
| H =     | .44670-001 | .44798-001 | .44847-001 | .44935-001 | .45024-001 |
| THETA = | .40000+000 | .41000+000 | .42000+000 | .43000+000 | .44000+000 |
| -I-     |            |            | P(I)       |            |            |
| 0       | .92360+000 | .92178+000 | .91996+000 | .91815+000 | .91634+000 |
| 1       | .73888-001 | .75596-001 | .77277-001 | .78981-001 | .80638-001 |
| 2       | .24629-002 | .25825-002 | .27047-002 | .28294-002 | .29567-002 |
| 3       | .46913-004 | .50421-004 | .54024-004 | .57936-004 | .61951-004 |
| H =     | .45113-001 | .45202-001 | .45292-001 | .45381-001 | .45471-001 |
| THETA = | .45000+000 | .46000+000 | .47000+000 | .48000+000 | .49000+000 |
| -I-     |            |            | P(I)       |            |            |
| 0       | .91454+000 | .91274+000 | .91094+000 | .90915+000 | .90736+000 |
| 1       | .82308-001 | .83972-001 | .85629-001 | .87278-001 | .88921-001 |
| 2       | .30866-002 | .32189-002 | .33538-002 | .34911-002 | .36310-002 |
| 3       | .66141-004 | .70510-004 | .75061-004 | .79797-004 | .84722-004 |
| H =     | .45560-001 | .45650-001 | .45740-001 | .45830-001 | .45921-001 |
| THETA = | .50000+000 | .60000+000 | .70000+000 | .80000+000 | .90000+000 |
| -I-     |            |            | P(I)       |            |            |
| 0       | .90558+000 | .88796+000 | .87074+000 | .85391+000 | .83745+000 |
| 1       | .90558-001 | .10656+000 | .12120+000 | .13663+000 | .15074+000 |
| 2       | .37732-002 | .53278-002 | .71111-002 | .91084-002 | .11306-001 |
| 3       | .89839-004 | .15222-003 | .23704-003 | .34699-003 | .48453-003 |
| 4       |            |            | .51852-005 | .86746-005 | .13627-004 |
| H =     | .46011-001 | .46924-001 | .47852-001 | .48795-001 | .49754-001 |
| THETA = | .10000+001 | .11000+001 | .12000+001 | .13000+001 | .14000+001 |
| -I-     |            |            | P(I)       |            |            |
| 0       | .82136+000 | .80563+000 | .79025+000 | .77520+000 | .76045+000 |
| 1       | .16427+000 | .17724+000 | .18966+000 | .20155+000 | .21294+000 |
| 2       | .13689-001 | .16247-001 | .18366-001 | .21835-001 | .24843-001 |
| 3       | .65188-003 | .85103-003 | .10838-002 | .13517-002 | .16562-002 |
| 4       | .20371-004 | .29254-004 | .40641-004 | .54912-004 | .72458-004 |
| H =     | .50729-001 | .51719-001 | .52726-001 | .53749-001 | .54789-001 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 4

THETA = .15000+001 .16000+001 .17000+001 .18000+001 .19000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .74610+000   | .73202+000 | .71825+000 | .70477+000 | .69159+000 |
| 1   | .22383+000   | .23425+000 | .24420+000 | .25372+000 | .26280+000 |
| 2   | .27979-001   | .31233-001 | .34596-001 | .38058-001 | .41611-001 |
| 3   | .19985-002   | .23796-002 | .28006-002 | .32621-002 | .37648-002 |
| 4   | .93678-004   | .11898-003 | .14878-003 | .18349-003 | .22353-003 |
| 5   |              |            | .56206-005 | .73397-005 | .94381-005 |
| H   | = .55846-001 | .56920-001 | .58012-001 | .59121-001 | .60248-001 |

THETA = .20000+001 .21003+001 .22000+001 .23000+001 .24000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .67869+000   | .66606+000 | .65371+000 | .64162+000 | .62979+000 |
| 1   | .27148+000   | .27975+000 | .28763+000 | .29515+000 | .30230+000 |
| 2   | .45246-001   | .48956-001 | .52733-001 | .56570-001 | .60459-001 |
| 3   | .43091-002   | .48956-002 | .55244-002 | .61957-002 | .69097-002 |
| 4   | .26932-003   | .32127-003 | .37990-003 | .44532-003 | .51822-003 |
| 5   | .11970-004   | .14993-004 | .18568-004 | .22761-004 | .27639-004 |
| H   | = .61393-001 | .62556-001 | .63739-001 | .64940-001 | .66160-001 |

THETA = .25009+001 .26000+001 .27000+001 .28000+001 .29000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .61820+000   | .60686+000 | .59576+000 | .58489+000 | .57425+000 |
| 1   | .30910+000   | .31557+000 | .32171+000 | .32754+000 | .33307+000 |
| 2   | .64396-001   | .68373-001 | .72385-001 | .76426-001 | .80491-001 |
| 3   | .76662-002   | .94653-002 | .93067-002 | .10190-001 | .11115-001 |
| 4   | .59892-003   | .68780-003 | .78525-003 | .89164-003 | .10073-002 |
| 5   | .33273-004   | .39740-004 | .47115-004 | .55480-004 | .64917-004 |
| H   | = .67400-001 | .68659-001 | .69338-001 | .71238-001 | .72558-001 |

THETA = .30000+001 .31000+001 .32000+001 .33000+001 .34000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .56383+000   | .55363+000 | .54364+000 | .53385+000 | .52426+000 |
| 1   | .33830+000   | .34325+000 | .34793+000 | .35234+000 | .35650+000 |
| 2   | .84575-001   | .88673-001 | .92780-001 | .96893-001 | .10101+000 |
| 3   | .12082-001   | .13090-001 | .14138-001 | .15226-001 | .16354-001 |
| 4   | .11327-002   | .12681-002 | .14138-002 | .15702-002 | .17376-002 |
| 5   | .75513-004   | .87356-004 | .10054-007 | .11515-003 | .13128-003 |
| 6   |              |            | .53620-005 | .63331-005 | .74394-005 |
| H   | = .73899-001 | .75261-001 | .76640-001 | .78050-001 | .79477-001 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 4

THETA= .35000+001 .36000+001 .37000+001 .38000+001 .39000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .51487+000   | .50568+000 | .49667+000 | .48784+000 | .47919+000 |
| 1   | .36041+000   | .36409+000 | .36753+000 | .37076+000 | .37377+000 |
| 2   | .10512+000   | .10923+000 | .11332+000 | .11741+000 | .12148+000 |
| 3   | .17520-001   | .18724-001 | .19966-001 | .21245-001 | .22560-001 |
| 4   | .19163-002   | .21065-002 | .23086-002 | .25228-002 | .27495-002 |
| 5   | .14904-003   | .16852-003 | .18982-003 | .21304-003 | .23829-003 |
| 6   | .86941-005   | .10111-004 | .11706-004 | .13493-004 | .15489-004 |
| H   | = .80926-001 | .82398-001 | .83893-001 | .85411-001 | .86952-001 |

THETA= .40000+001 .41000+001 .42000+001 .43000+001 .44000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .47072+000   | .46242+000 | .45428+000 | .44631+000 | .43849+000 |
| 1   | .37657+000   | .37918+000 | .38159+000 | .38382+000 | .38587+000 |
| 2   | .12552+000   | .12955+000 | .13356+000 | .13754+000 | .14149+000 |
| 3   | .23909-001   | .25294-001 | .26712-001 | .28162-001 | .29645-001 |
| 4   | .29887-002   | .32408-002 | .35059-002 | .37843-002 | .40762-002 |
| 5   | .26566-003   | .29527-003 | .32722-003 | .36161-003 | .39856-003 |
| 6   | .17711-004   | .20177-004 | .22905-004 | .25915-004 | .29228-004 |
| H   | = .88517-001 | .90107-001 | .91720-001 | .93359-001 | .95023-001 |

THETA= .45000+001 .46000+001 .47000+001 .48000+001 .49000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .43083+000   | .42333+000 | .41597+000 | .40875+000 | .40168+000 |
| 1   | .38775+000   | .38946+000 | .39101+000 | .39240+000 | .39365+000 |
| 2   | .14541+000   | .14929+000 | .15315+000 | .15696+000 | .16074+000 |
| 3   | .31158-001   | .32702-001 | .34275-001 | .35877-001 | .37506-001 |
| 4   | .43816-002   | .47009-002 | .50342-002 | .53815-002 | .57431-002 |
| 5   | .43816-003   | .48054-003 | .52579-003 | .57403-003 | .62536-003 |
| 6   | .32862-004   | .36841-004 | .41187-004 | .45922-004 | .51071-004 |
| H   | = .96712-001 | .98427-001 | .10017+000 | .10194+000 | .10373+000 |

THETA= .50000+001 .52000+001 .54000+001 .56000+001 .58000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .39475+000   | .38129+000 | .36835+000 | .35590+000 | .34393+000 |
| 1   | .39475+000   | .39654+000 | .39781+000 | .39861+000 | .39896+000 |
| 2   | .16448+000   | .17183+000 | .17902+000 | .18602+000 | .19283+000 |
| 3   | .39162-001   | .42549-001 | .46033-001 | .49605-001 | .53258-001 |
| 4   | .61190-002   | .69143-002 | .77680-002 | .86808-002 | .96529-002 |
| 5   | .67989-003   | .79898-003 | .93216-003 | .10803-002 | .12442-002 |
| 6   | .56658-004   | .69245-004 | .83895-004 | .10083-003 | .12027-003 |
| 7   |              |            |            | .58835-005 | .73328-005 |
| H   | = .10555+000 | .10928+000 | .11312+000 | .11707+000 | .12115+000 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = ?

THETA= .60000+001 .62000+001 .64070+001 .66000+001 .68000+001

| -I- |              | P(I)       |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | .33241+000   | .32133+000 | .31066+000 | .30039+000 | .29051+000 |  |
| 1   | .39889+000   | .39845+000 | .39765+000 | .39652+000 | .39509+000 |  |
| 2   | .19945+000   | .20586+000 | .21208+000 | .21809+000 | .22388+000 |  |
| 3   | .56985-001   | .60779-001 | .64633-001 | .68541-001 | .72496-001 |  |
| 4   | .10685-001   | .11776-001 | .12927-001 | .14137-001 | .15405-001 |  |
| 5   | .14246-002   | .16225-002 | .18385-002 | .20734-002 | .23279-002 |  |
| 6   | .14246-003   | .16765-003 | .19610-003 | .22807-003 | .26383-003 |  |
| 7   | .11101-004   | .13499-004 | .16299-004 | .19549-004 | .23299-004 |  |
| H   | = .12535+000 | .12967+000 | .13412+000 | .13871+000 | .14343+000 |  |

THETA= .70000+001 .72000+001 .74000+001 .76000+001 .78000+001

| -I- |              | P(I)       |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | .28099+000   | .27182+000 | .26298+000 | .25447+000 | .24627+000 |  |
| 1   | .39338+000   | .39142+000 | .38921+000 | .38679+000 | .38418+000 |  |
| 2   | .22947+000   | .23485+000 | .24002+000 | .24497+000 | .24971+000 |  |
| 3   | .76491-001   | .80520-001 | .84577-001 | .88656-001 | .92751-001 |  |
| 4   | .16732-001   | .18117-001 | .19558-001 | .21056-001 | .22608-001 |  |
| 5   | .26028-002   | .28987-002 | .32163-002 | .35561-002 | .39187-002 |  |
| 6   | .30366-003   | .34785-003 | .39667-003 | .45044-003 | .50943-003 |  |
| 7   | .27606-004   | .32526-004 | .38122-004 | .44459-004 | .51605-004 |  |
| H   | = .14829+000 | .15329+000 | .15844+000 | .16374+000 | .16919+000 |  |

THETA= .80000+001 .82000+001 .84000+001 .86000+001 .88000+001

| -I- |              | P(I)       |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | .23836+000   | .23074+000 | .22339+000 | .21630+000 | .20946+000 |  |
| 1   | .38138+000   | .37841+000 | .37529+000 | .37203+000 | .36865+000 |  |
| 2   | .25425+000   | .25858+000 | .26270+000 | .26662+000 | .27035+000 |  |
| 3   | .96857-001   | .10097+000 | .10508+000 | .10919+000 | .11329+000 |  |
| 4   | .24214-001   | .25873-001 | .27584-001 | .29345-001 | .31194-001 |  |
| 5   | .43048-002   | .47147-002 | .51490-002 | .56081-002 | .60924-002 |  |
| 6   | .57397-003   | .64434-003 | .72086-003 | .80382-003 | .89355-003 |  |
| 7   | .59633-004   | .68619-004 | .78639-004 | .89778-004 | .10212-003 |  |
| 8   | .49694-005   | .58611-005 | .68809-005 | .80426-005 | .93610-005 |  |
| H   | = .17481+000 | .18058+000 | .18652+000 | .19263+000 | .19892+000 |  |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSSEL DISTRIBUTION

U2 = 4

THE TAU = .90000+001 .92000+001 .94000+001 .96000+001 .98000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .20287+000   | .19650+000 | .19036+000 | .18444+000 | .17871+000 |
| 1   | .36516+000   | .36157+000 | .35788+000 | .35412+000 | .35028+000 |
| 2   | .27387+000   | .27720+000 | .28034+000 | .28329+000 | .28605+000 |
| 3   | .11737+000   | .12144+000 | .12549+000 | .12951+000 | .13350+000 |
| 4   | .33011-001   | .34914-001 | .36861-001 | .38852-001 | .40883-001 |
| 5   | .66822-002   | .71380-002 | .76999-002 | .82883-002 | .89034-002 |
| 6   | .99033-003   | .10945-002 | .12063-002 | .13261-002 | .14542-002 |
| 7   | .11575-003   | .13077-003 | .14727-003 | .16534-003 | .18508-003 |
| 8   | .10852-004   | .12532-004 | .14420-004 | .16534-004 | .18894-004 |
| H   | = .20539+000 | .21204+000 | .21888+000 | .22591+000 | .23315+000 |

THE TAU = .10000+002 .10200+002 .10400+002 .10600+002 .10800+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .17319+000   | .16786+000 | .16271+000 | .15773+000 | .15293+000 |
| 1   | .34638+000   | .34243+000 | .33843+000 | .33439+000 | .33032+000 |
| 2   | .28865+000   | .29107+000 | .29331+000 | .29538+000 | .29729+000 |
| 3   | .13745+000   | .14137+000 | .14526+000 | .14910+000 | .15289+000 |
| 4   | .42954-001   | .45063-001 | .47209-001 | .49388-001 | .51601-001 |
| 5   | .95454-002   | .10214-001 | .10910-001 | .11634-001 | .12384-001 |
| 6   | .15909-002   | .17364-002 | .18911-002 | .20553-002 | .22292-002 |
| 7   | .20661-003   | .23002-003 | .25543-003 | .28294-003 | .31266-003 |
| 8   | .21522-004   | .24440-004 | .27671-004 | .31241-004 | .35175-004 |
| H   | = .24058+000 | .24823+000 | .25608+000 | .26416+000 | .27246+000 |

THE TAU = .11000+002 .11200+002 .11400+002 .11600+002 .11800+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .14828+000   | .14380+000 | .13946+000 | .13527+000 | .13122+000 |
| 1   | .32623+000   | .32211+000 | .31797+000 | .31383+000 | .30968+000 |
| 2   | .29904+000   | .30063+000 | .30208+000 | .30337+000 | .30452+000 |
| 3   | .15664+000   | .16034+000 | .16398+000 | .16758+000 | .17111+000 |
| 4   | .53845-001   | .56118-001 | .58419-001 | .60746-001 | .63097-001 |
| 5   | .13162-001   | .13967-001 | .14800-001 | .15659-001 | .16546-001 |
| 6   | .24131-002   | .26072-002 | .28119-002 | .30274-002 | .32540-002 |
| 7   | .34472-003   | .37923-003 | .41631-003 | .45608-003 | .49866-003 |
| 8   | .39499-004   | .44244-004 | .49437-004 | .55109-004 | .61293-004 |
| 9   |              |            | .48169-005 | .54638-005 | .61817-005 |
| H   | = .28099+000 | .28976+000 | .29877+000 | .30802+000 | .31753+000 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 4

THETA= .12000+002 .12200+002 .12400+002 .12600+002 .12800+002

| -I- |              | P(I)       |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .12730+000   | .12352+000 | .11996+000 | .11631+000 | .11289+000 |
| 1   | .30553+000   | .30138+000 | .29724+000 | .29311+000 | .28899+000 |
| 2   | .30553+000   | .30641+000 | .30715+000 | .30777+000 | .30826+000 |
| 3   | .17459+000   | .17801+000 | .18137+000 | .18466+000 | .18789+000 |
| 4   | .65471-001   | .67866-001 | .70279-001 | .72710-001 | .75157-001 |
| 5   | .17459-001   | .18399-001 | .19366-001 | .20359-001 | .21378-001 |
| 6   | .34918-002   | .37412-002 | .40023-002 | .42753-002 | .45606-002 |
| 7   | .54418-003   | .59275-003 | .64452-003 | .69960-003 | .75813-003 |
| 8   | .68022-004   | .75329-004 | .83251-004 | .91823-004 | .10108-003 |
| 9   | .69766-005   | .78548-005 | .88231-005 | .98886-005 | .11059-004 |
| H   | = .32730+000 | .33733+000 | .34764+000 | .35823+000 | .36910+000 |

THETA= .13000+002 .13200+002 .13400+002 .13600+002 .13800+002

| -I- |              | P(I)       |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .10957+000   | .10637+000 | .10326+000 | .10026+000 | .97354-001 |
| 1   | .28489+000   | .28081+000 | .27675+000 | .27271+000 | .26870+000 |
| 2   | .30863+000   | .30889+000 | .30903+000 | .30907+000 | .30900+000 |
| 3   | .19106+000   | .19416+000 | .19719+000 | .20016+000 | .20306+000 |
| 4   | .77617-001   | .80091-001 | .82575-001 | .85068-001 | .87569-001 |
| 5   | .22423-001   | .23493-001 | .24589-001 | .25709-001 | .26855-001 |
| 6   | .49583-002   | .51685-002 | .54915-002 | .58275-002 | .61765-002 |
| 7   | .82023-003   | .88603-003 | .95567-003 | .10293-002 | .11070-002 |
| 8   | .11107-003   | .12183-003 | .13340-003 | .14581-003 | .15913-003 |
| 9   | .12341-004   | .13745-004 | .15278-004 | .16949-004 | .18769-004 |
| H   | = .38026+000 | .39173+000 | .40350+000 | .41558+000 | .42799+000 |

THETA= .14000+002 .14200+002 .14400+002 .14600+002 .14800+002

| -I- |              | P(I)       |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .94541-001   | .91817-001 | .89180-001 | .86626-001 | .84153-001 |
| 1   | .26471+000   | .26076+000 | .25684+000 | .25295+000 | .24909+000 |
| 2   | .30883+000   | .30857+000 | .30820+000 | .30775+000 | .30721+000 |
| 3   | .20589+000   | .20865+000 | .21134+000 | .21396+000 | .21651+000 |
| 4   | .90076-001   | .92588-001 | .95103-001 | .97620-001 | .10014+000 |
| 5   | .28024-001   | .29217-001 | .30433-001 | .31672-001 | .32934-001 |
| 6   | .65389-002   | .69146-002 | .73039-002 | .77069-002 | .81237-002 |
| 7   | .11889-002   | .12752-002 | .13659-002 | .14613-002 | .15614-002 |
| 8   | .17338-003   | .18862-003 | .20489-003 | .22224-003 | .24072-003 |
| 9   | .20746-004   | .22892-004 | .25217-004 | .27733-004 | .30450-004 |
| H   | = .44073+000 | .45380+000 | .45722+000 | .48100+000 | .49513+000 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 4

| THETA= | .15000+002   | .15500+002 | .16000+002 | .16500+002 | .17000+002 |
|--------|--------------|------------|------------|------------|------------|
| -I-    |              |            | P(I)       |            |            |
| 0      | .81757-001   | .76092-001 | .70856-001 | .66015-001 | .61536-001 |
| 1      | .24527+000   | .23588+000 | .22674+000 | .21785+000 | .20922+000 |
| 2      | .30659+000   | .30468+000 | .30232+000 | .29954+000 | .29640+000 |
| 3      | .21899+000   | .22489+000 | .23034+000 | .23536+000 | .23994+000 |
| 4      | .10265+000   | .10893+000 | .11517+000 | .12136+000 | .12747+000 |
| 5      | .34218-001   | .37520-001 | .40949-001 | .44497-001 | .48155-001 |
| 6      | .85544-002   | .96927-002 | .10920-001 | .12237-001 | .13644-001 |
| 7      | .16664-002   | .19511-002 | .22690-002 | .26221-002 | .30123-002 |
| 8      | .26038-003   | .31502-003 | .37817-003 | .45068-003 | .53343-003 |
| 9      | .33382-004   | .41734-004 | .51716-004 | .63558-004 | .77506-004 |
| 10     |              | .46206-005 | .59104-005 | .74907-005 | .94115-005 |
| H      | = .50964+000 | .54758+000 | .58804+000 | .63117+000 | .67711+000 |
| THETA= | .17500+002   | .18000+002 | .18500+002 | .19000+002 | .19500+002 |
| -I-    |              |            | P(I)       |            |            |
| 0      | .57389-001   | .53547-001 | .49986-001 | .46683-001 | .43618-001 |
| 1      | .20086+000   | .19277+000 | .18495+000 | .17740+000 | .17011+000 |
| 2      | .29292+000   | .28915+000 | .28513+000 | .28088+000 | .27643+000 |
| 3      | .24410+000   | .24785+000 | .25118+000 | .25413+000 | .25668+000 |
| 4      | .13349+000   | .13941+000 | .14522+000 | .15089+000 | .15642+000 |
| 5      | .51914-001   | .55766-001 | .59700-001 | .63708-001 | .67781-001 |
| 6      | .15142-001   | .16730-001 | .18407-001 | .20174-001 | .22029-001 |
| 7      | .34413-002   | .39108-002 | .44226-002 | .49781-002 | .55787-002 |
| 8      | .62732-003   | .73328-003 | .85227-003 | .98524-003 | .11332-002 |
| 9      | .93829-004   | .11281-003 | .13476-003 | .16000-003 | .18886-003 |
| 10     | .11729-004   | .14504-004 | .17808-004 | .21714-004 | .26306-004 |
| H      | = .72604+000 | .77813+000 | .83357+000 | .89254+000 | .95526+000 |
| THETA= | .20000+002   | .21000+002 | .22000+002 | .23000+002 | .24000+002 |
| -I-    |              |            | P(I)       |            |            |
| 0      | .40772-001   | .35671-001 | .31260-001 | .27437-001 | .24119-001 |
| 1      | .16309+000   | .14982+000 | .13754+000 | .12621+000 | .11577+000 |
| 2      | .27181+000   | .26218+000 | .25216+000 | .24190+000 | .23154+000 |
| 3      | .25887+000   | .26218+000 | .26417+000 | .26494+000 | .26462+000 |
| 4      | .16179+000   | .17206+000 | .18162+000 | .19043+000 | .19846+000 |
| 5      | .71909-001   | .80293-001 | .88790-001 | .97330-001 | .10585+000 |
| 6      | .23970-001   | .28103-001 | .32556-001 | .37310-001 | .42339-001 |
| 7      | .62259-002   | .76644-002 | .93018-002 | .11144-001 | .13196-001 |
| 8      | .12971-002   | .16766-002 | .21317-002 | .26700-002 | .32991-002 |
| 9      | .22172-003   | .30092-003 | .40083-003 | .52488-003 | .67674-003 |
| 10     | .31674-004   | .45139-004 | .62987-004 | .86230-004 | .11601-003 |
| 11     |              | .57449-005 | .83983-005 | .12020-004 | .16875-004 |
| H      | = .10219+001 | .11681+001 | .13329+001 | .15196+001 | .17276+001 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSSEL DISTRIBUTION

U2 = \*

| THETA= | .25000+002   | .30000+002 | .35000+002 | .40000+002 | .45000+002 |
|--------|--------------|------------|------------|------------|------------|
| -I-    | P(I)         |            |            |            |            |
| 0      | .21233-001   | .11455-001 | .63666-002 | .36294-002 | .21153-002 |
| 1      | .10616+000   | .68733-001 | .44566-001 | .29035-001 | .19037-001 |
| 2      | .22117+000   | .17183+000 | .12998+000 | .96785-001 | .71390-001 |
| 3      | .26330+000   | .24547+000 | .21664+000 | .18435+000 | .15298+000 |
| 4      | .20570+000   | .23013+000 | .23695+000 | .23044+000 | .21513+000 |
| 5      | .11428+000   | .15342+000 | .18430+000 | .20484+000 | .21513+000 |
| 6      | .47617-001   | .76710-001 | .10751+000 | .13656+000 | .16134+000 |
| 7      | .15460-001   | .29887-001 | .48866-001 | .70939-001 | .94292-001 |
| 8      | .40260-002   | .93397-002 | .17816-001 | .29558-001 | .44200-001 |
| 9      | .86027-003   | .23948-002 | .53295-002 | .10105-001 | .17000-001 |
| 10     | .15362-003   | .51317-003 | .13324-002 | .28872-002 | .54642-002 |
| 11     | .23276-004   | .93304-004 | .28263-003 | .69993-003 | .14902-002 |
| 12     |              | .14579-004 | .51520-004 | .14582-003 | .34928-003 |
| 13     |              |            | .81593-005 | .26393-004 | .71120-004 |
| 14     |              |            |            |            | .12700-004 |
| H      | = .19624+001 | .36373+001 | .65446+001 | .11480+002 | .19698+002 |

| THETA= | .50000+002   | .55000+002 | .60000+002 | .65000+002 | .70000+002 |
|--------|--------------|------------|------------|------------|------------|
| -I-    | P(I)         |            |            |            |            |
| 0      | .12570-002   | .76006-003 | .46679-003 | .29074-003 | .18344-003 |
| 1      | .12570-001   | .83607-002 | .56014-002 | .37797-002 | .25681-002 |
| 2      | .52376-001   | .38320-001 | .28007-001 | .20473-001 | .14981-001 |
| 3      | .12470+000   | .10036+000 | .80020-001 | .63369-001 | .49935-001 |
| 4      | .19485+000   | .17250+000 | .15004+000 | .12872+000 | .10923+000 |
| 5      | .21650+000   | .21083+000 | .20005+000 | .18593+000 | .16992+000 |
| 6      | .18042+000   | .19326+000 | .20005+000 | .20142+000 | .19824+000 |
| 7      | .11715+000   | .13804+000 | .15588+000 | .17003+000 | .18022+000 |
| 8      | .61018-001   | .79087-001 | .97427-001 | .11513+000 | .13141+000 |
| 9      | .26076-001   | .37178-001 | .49963-001 | .63958-001 | .78620-001 |
| 10     | .93128-002   | .14605-001 | .21413-001 | .29695-001 | .39310-001 |
| 11     | .28221-002   | .48685-002 | .77864-002 | .11698-001 | .16677-001 |
| 12     | .73492-003   | .13946-002 | .24333-002 | .39603-002 | .60802-002 |
| 13     | .16627-003   | .34708-003 | .66061-003 | .11648-002 | .19258-002 |
| 14     | .32990-004   | .75751-004 | .15729-003 | .30044-003 | .53496-003 |
| 15     | .57877-005   | .14619-004 | .33113-004 | .68522-004 | .13139-003 |
| 16     |              |            | .62088-005 | .13918-004 | .28742-004 |
| 17     |              |            |            |            | .56357-005 |
| H      | = .33147+002 | .54820+002 | .89263+002 | .14331+003 | .22715+003 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 4

| THE TAU = | .75000+002   | .80000+002 | .85000+002 | .90000+002 | .95000+002 |
|-----------|--------------|------------|------------|------------|------------|
| -I-       | P(I)         |            |            |            |            |
| 0         | .11711-003   | .75576-004 | .49267-004 | .32418-004 | .21518-004 |
| 1         | .17566-002   | .12092-002 | .83754-003 | .58353-003 | .40885-003 |
| 2         | .10979-001   | .80615-002 | .59326-002 | .43765-002 | .32367-002 |
| 3         | .39209-001   | .30710-001 | .24013-001 | .18796-001 | .14642-001 |
| 4         | .91897-001   | .76776-001 | .63784-001 | .52752-001 | .43469-001 |
| 5         | .15316+000   | .13649+000 | .12043+000 | .10550+000 | .91788-001 |
| 6         | .19145+000   | .18199+000 | .17068+000 | .15826+000 | .14530+000 |
| 7         | .18648+000   | .18908+000 | .18842+000 | .18497+000 | .17927+000 |
| 8         | .14569+000   | .15756+000 | .16683+000 | .17341+000 | .17740+000 |
| 9         | .93389-001   | .10774+000 | .12120+000 | .13340+000 | .14404+000 |
| 10        | .50030-001   | .61564-001 | .73585-001 | .85794-001 | .97742-001 |
| 11        | .22741-001   | .29849-001 | .37907-001 | .46775-001 | .56276-001 |
| 12        | .88831-002   | .12437-001 | .16782-001 | .21926-001 | .27845-001 |
| 13        | .30146-002   | .45021-002 | .64546-002 | .89299-002 | .11969-001 |
| 14        | .89722-003   | .14292-002 | .21771-002 | .31889-002 | .45123-002 |
| 15        | .23611-003   | .40119-003 | .64932-003 | .10070-002 | .15041-002 |
| 16        | .55338-004   | .10030-003 | .17248-003 | .28323-003 | .44653-003 |
| 17        | .11626-004   | .22476-004 | .41066-004 | .71402-004 | .11882-003 |
| 18        |              | .45406-005 | .88146-005 | .16228-004 | .28506-004 |
| 19        |              |            |            |            | .61969-005 |
| H         | = .35580+003 | .55132+003 | .84573+003 | .12853+004 | .19363+004 |

THE TAU = .10000+003

| -I- | P(I)         |  |  |  |  |
|-----|--------------|--|--|--|--|
| 0   | .14400-004   |  |  |  |  |
| 1   | .28800-003   |  |  |  |  |
| 2   | .24000-002   |  |  |  |  |
| 3   | .11429-001   |  |  |  |  |
| 4   | .35714-001   |  |  |  |  |
| 5   | .79365-001   |  |  |  |  |
| 6   | .13228+000   |  |  |  |  |
| 7   | .17179+000   |  |  |  |  |
| 8   | .17894+000   |  |  |  |  |
| 9   | .15294+000   |  |  |  |  |
| 10  | .10925+000   |  |  |  |  |
| 11  | .66209-001   |  |  |  |  |
| 12  | .34484-001   |  |  |  |  |
| 13  | .15604-001   |  |  |  |  |
| 14  | .51919-002   |  |  |  |  |
| 15  | .21726-002   |  |  |  |  |
| 16  | .67894-003   |  |  |  |  |
| 17  | .19018-003   |  |  |  |  |
| 18  | .48025-004   |  |  |  |  |
| 19  | .10990-004   |  |  |  |  |
| H   | = .28935+004 |  |  |  |  |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 5

THETA = .00000+000 .10000-001 .20000-001 .30000-001 .40000-001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .10000+001   | .99833+000 | .99667+000 | .99501+000 | .99336+000 |
| 1   |              | .16639-002 | .33222-002 | .49791-002 | .66224-002 |
| 2   |              |            |            | .10661-004 | .18921-004 |
| H   | = .83333-002 | .83472-002 | .83612-002 | .83791-002 | .83890-002 |

THETA = .50000-001 .60000-001 .70000-001 .80000-001 .90000-001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .99171+000   | .99006+000 | .98841+000 | .98677+000 | .98513+000 |
| 1   | .82642-002   | .99006-002 | .11531-001 | .13157-001 | .14777-001 |
| 2   | .29515-004   | .42431-004 | .57657-004 | .75182-004 | .94994-004 |
| H   | = .84030-002 | .84170-002 | .84310-002 | .84451-002 | .84591-002 |

THETA = .10000+000 .11000+000 .12000+000 .13000+000 .14000+000

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .98349+000   | .98186+000 | .98023+000 | .97860+000 | .97697+000 |
| 1   | .16392-001   | .18001-001 | .19605-001 | .21203-001 | .22796-001 |
| 2   | .11708-003   | .14143-003 | .16804-003 | .19688-003 | .22796-003 |
| H   | = .84732-002 | .84873-002 | .85014-002 | .85156-002 | .85297-002 |

THETA = .15000+000 .16000+000 .17000+000 .18000+000 .19000+000

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .97535+000   | .97373+000 | .97212+000 | .97051+000 | .96890+000 |
| 1   | .24384-001   | .25966-001 | .27543-001 | .29115-001 | .30682-001 |
| 2   | .26126-003   | .29676-003 | .33446-003 | .37434-003 | .41640-003 |
| H   | = .85439-002 | .85581-002 | .85723-002 | .85866-002 | .86008-002 |

THETA = .20000+000 .21000+000 .22000+000 .23000+000 .24000+000

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .96729+000   | .96569+000 | .96409+000 | .96249+000 | .96090+000 |
| 1   | .32243-001   | .33799-001 | .35350-001 | .36896-001 | .38436-001 |
| 2   | .46062-003   | .50699-003 | .55550-003 | .60614-003 | .65890-003 |
| 3   |              |            | .50921-005 | .58089-005 | .65890-005 |
| H   | = .86151-002 | .86294-002 | .86437-002 | .86581-002 | .86724-002 |

THETA = .25000+000 .26000+000 .27000+000 .28000+000 .29000+000

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .95931+000   | .95772+000 | .95613+000 | .95455+000 | .95297+000 |
| 1   | .39971-001   | .41501-001 | .43026-001 | .44546-001 | .46060-001 |
| 2   | .71377-003   | .77074-003 | .82979-003 | .89092-003 | .95411-003 |
| 3   | .74351-005   | .83496-005 | .93351-005 | .10394-004 | .11529-004 |
| H   | = .86868-002 | .87012-002 | .87156-002 | .87301-002 | .87446-002 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 5

| THE TAU = | .30000+000 | .31000+000 | .32000+000 | .33000+000 | .34000+000 |
|-----------|------------|------------|------------|------------|------------|
| -I-       |            |            | P(I)       |            |            |
| 0         | .95140+000 | .94982+000 | .94825+000 | .94669+000 | .94512+000 |
| 1         | .47570-001 | .49074-001 | .50574-001 | .52068-001 | .53557-001 |
| 2         | .10194-002 | .10866-002 | .11560-002 | .12273-002 | .13007-002 |
| 3         | .12742-004 | .14036-004 | .15413-004 | .16876-004 | .18426-004 |
| H =       | .87590-002 | .87735-002 | .87881-002 | .88026-002 | .88172-002 |
| THE TAU = | .35000+000 | .36000+000 | .37000+000 | .38000+000 | .39000+000 |
| -I-       |            |            | P(I)       |            |            |
| 0         | .94356+000 | .94200+000 | .94045+000 | .93890+000 | .93735+000 |
| 1         | .55041-001 | .56520-001 | .57994-001 | .59463-001 | .60928-001 |
| 2         | .13760-002 | .14534-002 | .15327-002 | .16140-002 | .16973-002 |
| 3         | .20067-004 | .21801-004 | .23629-004 | .25555-004 | .27581-004 |
| H =       | .88318-002 | .88464-002 | .88610-002 | .88757-002 | .88903-002 |
| THE TAU = | .40000+000 | .41000+000 | .42000+000 | .43000+000 | .44000+000 |
| -I-       |            |            | P(I)       |            |            |
| 0         | .93580+000 | .93426+000 | .93272+000 | .93118+000 | .92964+000 |
| 1         | .62387-001 | .63841-001 | .65290-001 | .66734-001 | .68174-001 |
| 2         | .17825-002 | .18696-002 | .19587-002 | .20497-002 | .21426-002 |
| 3         | .29708-004 | .31939-004 | .34277-004 | .36724-004 | .39281-004 |
| H =       | .89050-002 | .89197-002 | .89345-002 | .89492-002 | .89640-002 |
| THE TAU = | .45000+000 | .46000+000 | .47000+000 | .48000+000 | .49000+000 |
| -I-       |            |            | P(I)       |            |            |
| 0         | .92811+000 | .92658+000 | .92506+000 | .92353+000 | .92201+000 |
| 1         | .59608-001 | .71038-001 | .72463-001 | .73893-001 | .75298-001 |
| 2         | .22374-002 | .23341-002 | .24327-002 | .25331-002 | .26354-002 |
| 3         | .41951-004 | .44737-004 | .47640-004 | .50662-004 | .53806-004 |
| H =       | .89788-002 | .89936-002 | .90085-002 | .90233-002 | .90382-002 |
| THE TAU = | .50000+000 | .60000+000 | .70000+000 | .80000+000 | .90000+000 |
| -I-       |            |            | P(I)       |            |            |
| 0         | .92049+000 | .90547+000 | .89073+000 | .87626+000 | .86206+000 |
| 1         | .76708-001 | .90547-001 | .10392+000 | .11683+000 | .12931+000 |
| 2         | .27396-002 | .38806-002 | .51959-002 | .66763-002 | .83127-002 |
| 3         | .57074-004 | .97015-004 | .15155-003 | .22254-003 | .31173-003 |
| 4         |            |            |            | .49454-005 | .77932-005 |
| H =       | .90531-002 | .92033-002 | .93556-002 | .95101-002 | .96668-002 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 5

THETA= .10000+001 .11000+001 .12000+001 .13000+001 .14000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .84812+000   | .83443+000 | .82100+000 | .80781+000 | .79486+000 |
| 1   | .14135+000   | .15298+000 | .16420+000 | .17503+000 | .18547+000 |
| 2   | .10097-001   | .12020-001 | .14074-001 | .16252-001 | .18547-001 |
| 3   | .42069-003   | .55091-003 | .70371-003 | .88034-003 | .10819-002 |
| 4   | .11686-004   | .16833-004 | .23457-004 | .31790-004 | .42074-004 |
| H   | = .98257-002 | .99868-002 | .10150-001 | .10316-001 | .10484-001 |

THETA= .15000+001 .16000+001 .17000+001 .18000+001 .19000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .78215+000   | .76966+000 | .75741+000 | .74537+000 | .73355+000 |
| 1   | .19554+000   | .20524+000 | .21460+000 | .22361+000 | .23229+000 |
| 2   | .20950-001   | .23456-001 | .26058-001 | .28750-001 | .31525-001 |
| 3   | .13094-002   | .15638-002 | .18458-002 | .21563-002 | .24957-002 |
| 4   | .54558-004   | .69501-004 | .87163-004 | .10781-003 | .13172-003 |
| 5   |              |            |            |            | .50054-005 |
| H   | = .10654-001 | .10827-001 | .11002-001 | .11180-001 | .11360-001 |

THETA= .20000+001 .21000+001 .22000+001 .23000+001 .24000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .72194+000   | .71054+000 | .69935+000 | .68835+000 | .67755+000 |
| 1   | .24065+000   | .24869+000 | .25643+000 | .26387+000 | .27102+000 |
| 2   | .34378-001   | .37304-001 | .40296-001 | .43350-001 | .46460-001 |
| 3   | .28649-002   | .32641-002 | .36938-002 | .41543-002 | .46460-002 |
| 4   | .15916-003   | .19040-003 | .22573-003 | .26542-003 | .30974-003 |
| 5   | .63663-005   | .79969-005 | .99321-005 | .12209-004 | .14867-004 |
| H   | = .11543-001 | .11728-001 | .11916-001 | .12106-001 | .12299-001 |

THETA= .25000+001 .26000+001 .27000+001 .28000+001 .29000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .66694+000   | .65652+000 | .64628+000 | .63622+000 | .62634+000 |
| 1   | .27789+000   | .28449+000 | .29082+000 | .29690+000 | .30273+000 |
| 2   | .49623-001   | .52834-001 | .56068-001 | .59380-001 | .62708-001 |
| 3   | .51691-002   | .57237-002 | .63099-002 | .69277-002 | .75773-002 |
| 4   | .35897-003   | .41338-003 | .47324-003 | .53882-003 | .61039-003 |
| 5   | .17948-004   | .21496-004 | .25555-004 | .30174-004 | .35403-004 |
| H   | = .12495-001 | .12693-001 | .12894-001 | .13098-001 | .13305-001 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSLE DISTRIBUTION

$U_2 = 5$

THETA = .30000+001 .31000+001 .32000+001 .33000+001 .34000+001

| -I- | P(I)       |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| 0   | .61663+000 | .60709+000 | .59772+000 | .58851+000 | .57946+000 |
| 1   | .30831+000 | .31366+000 | .31878+000 | .32368+000 | .32836+000 |
| 2   | .66067-001 | .69454-001 | .72864-001 | .76296-001 | .79744-001 |
| 3   | .82584-002 | .89711-002 | .97153-002 | .10491-001 | .11297-001 |
| 4   | .68820-003 | .77251-003 | .86358-003 | .96164-003 | .10669-002 |
| 5   | .41292-004 | .47896-004 | .55269-004 | .63468-004 | .72553-004 |
| H = | .13514-001 | .13727-001 | .13942-001 | .14160-001 | .14381-001 |

THETA = .35000+001 .36000+001 .37000+001 .38000+001 .39000+001

| -I- | P(I)       |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| 0   | .57056+000 | .56182+000 | .55323+000 | .54479+000 | .53650+000 |
| 1   | .33283+000 | .33709+000 | .34116+000 | .34504+000 | .34872+000 |
| 2   | .83207-001 | .86681-001 | .90164-001 | .93652-001 | .97144-001 |
| 3   | .12134-001 | .13002-001 | .13900-001 | .14828-001 | .15786-001 |
| 4   | .11797-002 | .13002-002 | .14286-002 | .15652-002 | .17101-002 |
| 5   | .82581-004 | .93616-004 | .10572-003 | .11896-003 | .13339-003 |
| 6   |            | .51063-005 | .59267-005 | .68490-005 | .78822-005 |
| H = | .14605-001 | .14833-001 | .15063-001 | .15296-001 | .15533-001 |

THETA = .40000+001 .41000+001 .42000+001 .43000+001 .44000+001

| -I- | P(I)       |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| 0   | .52834+000 | .52033+000 | .51245+000 | .50470+000 | .49709+000 |
| 1   | .35223+000 | .35556+000 | .35871+000 | .36170+000 | .36453+000 |
| 2   | .10064+000 | .10413+000 | .10761+000 | .11109+000 | .11457+000 |
| 3   | .16773-001 | .17788-001 | .18832-001 | .19904-001 | .21004-001 |
| 4   | .18636-002 | .20259-002 | .21971-002 | .23775-002 | .25672-002 |
| 5   | .14909-003 | .16612-003 | .18456-003 | .20446-003 | .22591-003 |
| 6   | .90358-005 | .10320-004 | .11745-004 | .13321-004 | .15061-004 |
| H = | .15773-001 | .16016-001 | .16262-001 | .16511-001 | .16764-001 |

THETA = .45000+001 .46000+001 .47000+001 .48000+001 .49000+001

| -I- | P(I)       |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| 0   | .48960+000 | .48225+000 | .47501+000 | .46790+000 | .46091+000 |
| 1   | .36720+000 | .36972+000 | .37209+000 | .37432+000 | .37641+000 |
| 2   | .11803+000 | .12148+000 | .12492+000 | .12834+000 | .13174+000 |
| 3   | .22131-001 | .23284-001 | .24463-001 | .25668-001 | .26897-001 |
| 4   | .27663-002 | .29751-002 | .31938-002 | .34223-002 | .36610-002 |
| 5   | .24897-003 | .27371-003 | .30021-003 | .32855-003 | .35878-003 |
| 6   | .16975-004 | .19077-004 | .21379-004 | .23894-004 | .26637-004 |
| H = | .17021-001 | .17280-001 | .17543-001 | .17810-001 | .18080-001 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSSEL DISTRIBUTION

U2 = S

THETA = .50000+001 .52000+001 .54000+001 .56000+001 .58000+001

| -I- | P(I)       |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| 0   | .45403+000 | .44062+000 | .42765+000 | .41511+000 | .40298+000 |
| 1   | .37836+000 | .38187+000 | .38489+000 | .38744+000 | .38955+000 |
| 2   | .13513+000 | .14184+000 | .14846+000 | .15498+000 | .16138+000 |
| 3   | .28152-001 | .30732-001 | .33403-001 | .36161-001 | .39001-001 |
| 4   | .39100-002 | .44390-002 | .50104-002 | .56250-002 | .62836-002 |
| 5   | .39100-003 | .46166-003 | .54113-003 | .63000-003 | .72889-003 |
| 6   | .29621-004 | .36373-004 | .44274-004 | .53455-004 | .64054-004 |
| H = | .18354-001 | .18913-001 | .19486-001 | .20075-001 | .20679-001 |

THETA = .60000+001 .62000+001 .64000+001 .66000+001 .68000+001

| -I- | P(I)       |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| 0   | .39125+000 | .37989+000 | .36891+000 | .35828+000 | .34798+000 |
| 1   | .39125+000 | .39256+000 | .39350+000 | .39410+000 | .39438+000 |
| 2   | .16768+000 | .17385+000 | .17989+000 | .18579+000 | .19156+000 |
| 3   | .41919-001 | .44910-001 | .47970-001 | .51093-001 | .54274-001 |
| 4   | .69866-002 | .77346-002 | .85280-002 | .93670-002 | .10252-001 |
| 5   | .83839-003 | .95909-003 | .10916-002 | .12364-002 | .13943-002 |
| 6   | .76217-004 | .90096-004 | .10585-003 | .12364-003 | .14365-003 |
| 7   | .54441-005 | .66500-005 | .80648-005 | .97149-005 | .11629-004 |
| H = | .21299-001 | .21936-001 | .22589-001 | .23260-001 | .23947-001 |

THETA = .70000+001 .72000+001 .74000+001 .76000+001 .78000+001

| -I- | P(I)       |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| 0   | .33802+000 | .32838+000 | .31904+000 | .30999+000 | .30123+000 |
| 1   | .39436+000 | .39405+000 | .39348+000 | .39266+000 | .39161+000 |
| 2   | .19718+000 | .20266+000 | .20798+000 | .21316+000 | .21818+000 |
| 3   | .57511-001 | .60797-001 | .6228-001  | .67500-001 | .70908-001 |
| 4   | .11183-001 | .12159-001 | .13182-001 | .14250-001 | .15364-001 |
| 5   | .15656-002 | .17509-002 | .19509-002 | .21660-002 | .23967-002 |
| 6   | .16605-003 | .19101-003 | .21874-003 | .24942-003 | .28325-003 |
| 7   | .13837-004 | .16372-004 | .19270-004 | .22566-004 | .26302-004 |
| H = | .24653-001 | .25377-001 | .26120-001 | .26882-001 | .27664-001 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 5

THETA= .80000+001 .82000+001 .84000+001 .86000+001 .88000+001

| -I- |              | P(I)       |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | .29275+000   | .28453+000 | .27657+000 | .26885+000 | .26137+000 |  |
| 1   | .35033+000   | .38886+000 | .38719+000 | .38535+000 | .38335+000 |  |
| 2   | .22305+000   | .22776+000 | .23232+000 | .23672+000 | .24096+000 |  |
| 3   | .74349-001   | .77818-001 | .81311-001 | .84824-001 | .88353-001 |  |
| 4   | .16522-001   | .17725-001 | .18973-001 | .20263-001 | .21597-001 |  |
| 5   | .26435-002   | .29069-002 | .31874-002 | .34853-002 | .38011-002 |  |
| 6   | .32043-003   | .36117-003 | .40567-003 | .45415-003 | .50682-003 |  |
| 7   | .30517-004   | .35257-004 | .40567-004 | .46496-004 | .53095-004 |  |
| H   | = .28466-001 | .29288-001 | .30131-001 | .30996-001 | .31883-001 |  |

THETA= .90000+001 .92000+001 .94000+001 .96000+001 .98000+001

| -I- |              | P(I)       |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | .25413+000   | .24710+000 | .24029+000 | .23369+000 | .22729+000 |  |
| 1   | .38119+000   | .37889+000 | .37646+000 | .37390+000 | .37124+000 |  |
| 2   | .24505+000   | .24898+000 | .25276+000 | .25639+000 | .25987+000 |  |
| 3   | .91894-001   | .95444-001 | .98999-001 | .10256+000 | .10611+000 |  |
| 4   | .22974-001   | .24391-001 | .25850-001 | .27348-001 | .28886-001 |  |
| 5   | .41352-002   | .44880-002 | .48598-002 | .52509-002 | .56617-002 |  |
| 6   | .56390-003   | .62560-003 | .69215-003 | .76377-003 | .84067-003 |  |
| 7   | .60417-004   | .68518-004 | .77455-004 | .87288-004 | .98078-004 |  |
| 8   | .52284-005   | .60612-005 | .70007-005 | .80573-005 | .92420-005 |  |
| H   | = .32792-001 | .33724-001 | .34680-001 | .35660-001 | .36664-001 |  |

THETA= .10000+002 .10200+002 .10400+002 .10600+002 .10800+002

| -I- |              | P(I)       |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | .22108+000   | .21506+000 | .20922+000 | .20356+000 | .19806+000 |  |
| 1   | .36847+000   | .36560+000 | .36265+000 | .35962+000 | .35651+000 |  |
| 2   | .26319+000   | .26537+000 | .26940+000 | .27228+000 | .27502+000 |  |
| 3   | .10966+000   | .11321+000 | .11674+000 | .12026+000 | .12376+000 |  |
| 4   | .30462-001   | .32075-001 | .33724-001 | .35409-001 | .37128-001 |  |
| 5   | .60924-002   | .65433-002 | .70147-002 | .75067-002 | .80196-002 |  |
| 6   | .92309-003   | .10112-002 | .11053-002 | .12056-002 | .13123-002 |  |
| 7   | .10989-003   | .12279-003 | .13685-003 | .15214-003 | .16872-003 |  |
| 8   | .10566-004   | .12043-004 | .13685-004 | .15506-004 | .17521-004 |  |
| H   | = .37694-001 | .38749-001 | .39830-001 | .40939-001 | .42075-001 |  |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSLE DISTRIBUTION

$U_2 = 5$

$\Theta = .11000+002 \quad .11200+002 \quad .11400+002 \quad .11600+002 \quad .11800+002$

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .19273+000   | .18756+000 | .18254+000 | .17766+000 | .17294+000 |
| 1   | .35334+000   | .35010+000 | .34682+000 | .34348+000 | .34011+000 |
| 2   | .27762+000   | .28008+000 | .28241+000 | .28460+000 | .28666+000 |
| 3   | .12724+000   | .13071+000 | .13414+000 | .13756+000 | .14094+000 |
| 4   | .38880-001   | .40664-001 | .42479-001 | .44324-001 | .46197-001 |
| 5   | .85536-002   | .91087-002 | .96852-002 | .10283-001 | .10903-001 |
| 6   | .14256-002   | .15457-002 | .16729-002 | .18073-002 | .19493-002 |
| 7   | .18669-003   | .20610-003 | .22704-003 | .24959-003 | .27332-003 |
| 8   | .19746-004   | .22195-004 | .24887-004 | .27838-004 | .31068-004 |
| H   | = .43239-001 | .44431-001 | .45653-001 | .46905-001 | .48188-001 |

$\Theta = .12000+002 \quad .12200+002 \quad .12400+002 \quad .12600+002 \quad .12800+002$

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .16834+000   | .16389+000 | .15956+000 | .15536+000 | .15128+000 |
| 1   | .33669+000   | .33324+000 | .32976+000 | .32626+000 | .32274+000 |
| 2   | .28859+000   | .29040+000 | .29207+000 | .29363+000 | .29507+000 |
| 3   | .14430+000   | .14762+000 | .15091+000 | .15416+000 | .15737+000 |
| 4   | .48099-001   | .50026-001 | .51979-001 | .53955-001 | .55954-001 |
| 5   | .11546-001   | .12206-001 | .12891-001 | .13597-001 | .14324-001 |
| 6   | .20988-002   | .22563-002 | .24219-002 | .25957-002 | .27781-002 |
| 7   | .29983-003   | .32770-003 | .35752-003 | .38936-003 | .42332-003 |
| 8   | .34596-004   | .38442-004 | .42627-004 | .47172-004 | .52101-004 |
| 9   |              |            |            | .47172-005 | .52928-005 |
| H   | = .49502-001 | .50848-001 | .52226-001 | .53638-001 | .55085-001 |

$\Theta = .13000+002 \quad .13200+002 \quad .13400+002 \quad .13600+002 \quad .13800+002$

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .14732+000   | .14347+000 | .13974+000 | .13611+000 | .13258+000 |
| 1   | .31919+000   | .31564+000 | .31208+000 | .30851+000 | .30493+000 |
| 2   | .29640+000   | .29760+000 | .29870+000 | .29969+000 | .30058+000 |
| 3   | .16055+000   | .16368+000 | .16678+000 | .16983+000 | .17283+000 |
| 4   | .57975-001   | .60017-001 | .62078-001 | .64156-001 | .66252-001 |
| 5   | .15074-001   | .15844-001 | .16637-001 | .17451-001 | .18286-001 |
| 6   | .29690-002   | .31689-002 | .33778-002 | .35959-002 | .38233-002 |
| 7   | .45950-003   | .49797-003 | .53884-003 | .58219-003 | .62812-003 |
| 8   | .57437-004   | .63204-004 | .69427-004 | .76132-004 | .83347-004 |
| 9   | .59260-005   | .66213-005 | .73835-005 | .82174-005 | .91284-005 |
| H   | = .56566-001 | .58083-001 | .59636-001 | .61227-001 | .62856-001 |

DENSITY  $r$ : THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 5$

$\Theta = .14000+002 \quad .14200+002 \quad .14400+002 \quad .14600+002 \quad .14800+002$

| $\Theta = .14000+002$ |              | $P(I)$     |            |            |            |
|-----------------------|--------------|------------|------------|------------|------------|
| 0                     | .1295+000    | .12582+000 | .12259+000 | .11944+000 | .11639+000 |
| 1                     | .30136+000   | .29778+000 | .29421+000 | .29065+000 | .28709+000 |
| 2                     | .30136+000   | .30204+000 | .30262+000 | .30310+000 | .30350+000 |
| 3                     | .17579+000   | .17870+000 | .18157+000 | .18439+000 | .18716+000 |
| 4                     | .68363-001   | .70489-001 | .72628-001 | .74780-001 | .76942-001 |
| 5                     | .19142-001   | .20019-001 | .20917-001 | .21836-001 | .22775-001 |
| 6                     | .40604-002   | .43071-002 | .45637-002 | .48303-002 | .51071-002 |
| 7                     | .67673-003   | .72810-003 | .78235-003 | .83955-003 | .89982-003 |
| 8                     | .91098-004   | .99414-004 | .10832-003 | .11786-003 | .12805-003 |
| 9                     | .10122-004   | .11204-004 | .12380-004 | .13657-004 | .15041-004 |
| H                     | = .64523-001 | .66230-001 | .67978-001 | .69768-001 | .71599-001 |

$\Theta = .15000+002 \quad .15500+002 \quad .16000+002 \quad .16500+002 \quad .17000+002$

| $\Theta = .15000+002$ |              | $P(I)$     |            |            |            |
|-----------------------|--------------|------------|------------|------------|------------|
| 0                     | .11342+000   | .10635+000 | .99763-001 | .93621-001 | .87890-001 |
| 1                     | .28355+000   | .27474+000 | .26604+000 | .25746+000 | .24902+000 |
| 2                     | .30380+000   | .30418+000 | .30404+000 | .30343+000 | .30238+000 |
| 3                     | .18987+000   | .19645+000 | .20269+000 | .20861+000 | .21419+000 |
| 4                     | .79114-001   | .84581-001 | .90086-001 | .95612-001 | .10114+000 |
| 5                     | .23734-001   | .26220-001 | .28828-001 | .31552-001 | .34389-001 |
| 6                     | .53942-002   | .61578-002 | .69885-002 | .78880-002 | .88578-002 |
| 7                     | .96324-003   | .11363-002 | .13311-002 | .15494-002 | .17926-002 |
| 8                     | .13893-003   | .16935-003 | .20479-003 | .24582-003 | .29303-003 |
| 9                     | .16539-004   | .20832-004 | .26005-004 | .32191-004 | .39536-004 |
| H                     | = .73474-001 | .78357-001 | .83531-001 | .89012-001 | .94816-001 |

$\Theta = .17500+002 \quad .18000+002 \quad .18500+002 \quad .19000+002 \quad .19500+002$

| $\Theta = .17500+002$ |              | $P(I)$     |            |            |            |
|-----------------------|--------------|------------|------------|------------|------------|
| 0                     | .82540-001   | .77545-001 | .72879-001 | .68517-001 | .64439-001 |
| 1                     | .24074+000   | .23264+000 | .22471+000 | .21697+000 | .20943+000 |
| 2                     | .30093+000   | .29910+000 | .29694+000 | .29446+000 | .29170+000 |
| 3                     | .21943+000   | .22433+000 | .22889+000 | .23311+000 | .23701+000 |
| 4                     | .10667+000   | .11216+000 | .11762+000 | .12303+000 | .12838+000 |
| 5                     | .37333-001   | .40379-001 | .43521-001 | .46752-001 | .50068-001 |
| 6                     | .98989-002   | .11012-001 | .12199-001 | .13459-001 | .14793-001 |
| 7                     | .20623-002   | .23598-002 | .26867-002 | .30443-002 | .34340-002 |
| 8                     | .34702-003   | .40843-003 | .47792-003 | .55617-003 | .64388-003 |
| 9                     | .48197-004   | .58347-004 | .70171-004 | .83857-004 | .99648-004 |
| 10                    | .56230-005   | .70016-005 | .86544-005 | .10523-004 | .12954-004 |
| H                     | = .10096+000 | .10746+000 | .11435+000 | .12162+000 | .12932+000 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 5$

THE TAU = .20000+002 .21000+002 .22000+002 .23000+002 .24000+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .60624-001   | .53711-001 | .47648-001 | .42322-001 | .37636-001 |
| 1   | .20208+000   | .18799+000 | .17471+000 | .16273+000 | .15054+000 |
| 2   | .28868+000   | .28198+000 | .27454+000 | .26533+000 | .25807+000 |
| 3   | .24057+000   | .24674+000 | .25166+000 | .25542+000 | .25807+000 |
| 4   | .13365+000   | .14393+000 | .15380+000 | .16319+000 | .17205+000 |
| 5   | .53460-001   | .60450-001 | .67670-001 | .75065-001 | .82584-001 |
| 6   | .16200-001   | .19234-001 | .22557-001 | .26159-001 | .30931-001 |
| 7   | .38571-002   | .48085-002 | .59077-002 | .71626-002 | .85801-002 |
| 8   | .74176-003   | .97096-003 | .12497-002 | .15840-002 | .19800-002 |
| 9   | .11774-003   | .16183-003 | .21820-003 | .28915-003 | .37715-003 |
| 10  | .15699-004   | .22656-004 | .32003-004 | .44336-004 | .60344-004 |
| 11  |              |            |            | .57940-005 | .82287-005 |
| H   | = .13746+000 | .15515+000 | .17489+000 | .19690+000 | .22142+000 |

THE TAU = .25000+002 .30000+002 .35000+002 .40000+002 .45000+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .33508-001   | .19047-001 | .11090-001 | .65935-002 | .39928-002 |
| 1   | .13961+000   | .95236-001 | .64693-001 | .43957-001 | .29946-001 |
| 2   | .24931+000   | .20408+000 | .16173+000 | .12559+000 | .96254-001 |
| 3   | .25970+000   | .25510+000 | .23586+000 | .20932+000 | .18048+000 |
| 4   | .18035+000   | .21258+000 | .22931+000 | .23257+000 | .22560+000 |
| 5   | .90174-001   | .12755+000 | .16052+000 | .18606+000 | .20304+000 |
| 6   | .34157-001   | .57976-001 | .85122-001 | .11276+000 | .13843+000 |
| 7   | .10166-001   | .20706-001 | .35468-001 | .53697-001 | .74161-001 |
| 8   | .24437-002   | .59728-002 | .11936-001 | .20653-001 | .32089-001 |
| 9   | .48486-003   | .14221-002 | .33156-002 | .65564-002 | .11460-001 |
| 10  | .80809-004   | .28442-003 | .77364-003 | .17484-002 | .34381-002 |
| 11  | .11479-004   | .48481-004 | .15385-003 | .39736-003 | .87986-003 |
| 12  |              | .71295-005 | .26396-004 | .77913-004 | .19391-003 |
| 13  |              |            |            | .13318-004 | .37290-004 |
| 14  |              |            |            |            | .63085-005 |
| H   | = .24870+000 | .43751+000 | .75141+000 | .12639+001 | .20871+001 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 5$

| $\Theta \Delta =$ | .50000+002   | .55090+002 | .60000+002 | .65000+002 | .70000+002 |
|-------------------|--------------|------------|------------|------------|------------|
| -I-               | -----        | -----      | P(I)       | -----      | -----      |
| 0                 | .24578-002   | .15353-002 | .97196-003 | .62283-003 | .40358-003 |
| 1                 | .20481-001   | .14074-001 | .97196-002 | .67473-002 | .47085-002 |
| 2                 | .73148-001   | .55290-001 | .41655-001 | .31327-001 | .23542-001 |
| 3                 | .15239+000   | .12671+000 | .10414+000 | .84844-001 | .68665-001 |
| 4                 | .21166+000   | .19358+000 | .17356+000 | .15319+000 | .13352+000 |
| 5                 | .21156+000   | .21294+000 | .20828+000 | .19915+000 | .18692+000 |
| 6                 | .16034+003   | .17745+000 | .18934+000 | .19613+000 | .19825+000 |
| 7                 | .95443-001   | .11619+000 | .13524+000 | .15177+000 | .16521+000 |
| 8                 | .45886-001   | .61444-001 | .78026-001 | .94854-001 | .11120+000 |
| 9                 | .18209-001   | .26821-001 | .37155-001 | .48933-001 | .61777-001 |
| 10                | .60696-002   | .98344-002 | .14862-001 | .21204-001 | .28829-001 |
| 11                | .17243-002   | .30732-002 | .50666-002 | .78311-002 | .11466-001 |
| 12                | .42263-003   | .82857-003 | .14902-002 | .24952-002 | .39345-002 |
| 13                | .90305-004   | .19475-003 | .38210-003 | .69311-003 | .11770-002 |
| 14                | .16975-004   | .40268-004 | .86187-004 | .16937-003 | .30973-003 |
| 15                |              | .73824-005 | .17237-004 | .36697-004 | .72271-004 |
| 16                |              |            |            | .70991-005 | .15056-004 |
| H                 | = .33906+001 | .54277+001 | .85738+001 | .13380+002 | .20648+002 |

| $\Theta \Delta =$ | .75000+002   | .80000+002 | .85000+002 | .90000+002 | .95000+002 |
|-------------------|--------------|------------|------------|------------|------------|
| -I-               | -----        | -----      | P(I)       | -----      | -----      |
| 0                 | .26422-003   | .17463-003 | .11644-003 | .78289-004 | .53045-004 |
| 1                 | .33027-002   | .23284-002 | .16496-002 | .11743-002 | .83588-003 |
| 2                 | .17693-001   | .13305-001 | .10016-001 | .75493-002 | .53992-002 |
| 3                 | .55291-001   | .44350-001 | .35472-001 | .28310-001 | .22559-001 |
| 4                 | .11519+000   | .98556-001 | .83753-001 | .70775-001 | .59532-001 |
| 5                 | .17278+000   | .15769+000 | .14238+000 | .12743+000 | .11311+000 |
| 6                 | .19634+003   | .19114+000 | .16337+000 | .17372+000 | .16281+000 |
| 7                 | .17531+000   | .18204+000 | .12555+000 | .18613+000 | .18413+000 |
| 8                 | .12642+000   | .14003+000 | .15165+000 | .16107+000 | .16820+000 |
| 9                 | .75252-001   | .88907-001 | .10231+000 | .11505+000 | .12681+000 |
| 10                | .37626-001   | .47417-001 | .57973-001 | .69031-001 | .80316-001 |
| 11                | .16034-001   | .21553-001 | .27998-001 | .35300-001 | .43352-001 |
| 12                | .58948-002   | .84523-002 | .11666-001 | .15574-001 | .20189-001 |
| 13                | .18894-002   | .28897-002 | .42376-002 | .59898-002 | .81962-002 |
| 14                | .53272-003   | .86907-003 | .13541-002 | .20266-002 | .29272-002 |
| 15                | .13318-003   | .23175-003 | .38367-003 | .60799-003 | .92695-003 |
| 16                | .29727-004   | .55179-004 | .97059-004 | .16286-003 | .26209-003 |
| 17                | .59614-005   | .11803-004 | .22059-004 | .39190-004 | .66572-004 |
| 18                |              |            | .45290-005 | .85195-005 | .15276-004 |
| H                 | = .31540+002 | .47720+002 | .71565+002 | .10644+003 | .15710+003 |

DENSITY OF THE TWO-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 5

THETA= .10000+003

| -I- | P(I)         |
|-----|--------------|
| 0   | .36203-004   |
| 1   | .60338-003   |
| 2   | .43099-002   |
| 3   | .17958-001   |
| 4   | .49883-001   |
| 5   | .99766-001   |
| 6   | .15116+000   |
| 7   | .17995+000   |
| 8   | .17303+000   |
| 9   | .13733+000   |
| 10  | .91551-001   |
| 11  | .52018-001   |
| 12  | .25499-001   |
| 13  | .10897-001   |
| 14  | .40966-002   |
| 15  | .13655-002   |
| 16  | .40641-003   |
| 17  | .12867-003   |
| 18  | .26248-004   |
| 19  | .57561-005   |
| H   | = .23018+003 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0

|                   |            |               |            |            |
|-------------------|------------|---------------|------------|------------|
| THETA= .00000+000 | .10000-001 | .20000-001    | .30000-001 | .40000-001 |
| -I-               | -----      | SUM-P(I)----- |            |            |
| 0                 | 1.00000    | .99007+000    | .98030+000 | .97066+000 |
| 1                 |            | .99998+000    | .99990+000 | .99973+000 |
| 2                 |            | 1.00000       | 1.00000    | 1.00000    |
| H = .10000+001    | .10100+001 | .10201+001    | .10302+001 | .10404+001 |
| THETA= .50000-001 | .60000-001 | .70000-001    | .80000-001 | .90000-001 |
| -I-               | -----      | SUM-P(I)----- |            |            |
| 0                 | .95181+000 | .94259+000    | .93350+000 | .92454+000 |
| 1                 | .99940+000 | .99915+000    | .99885+000 | .99851+000 |
| 2                 | 1.00000    | .99999+000    | .99999+000 | .99998+000 |
| 3                 |            | 1.00000       | 1.00000    | 1.00000    |
| H = .10506+001    | .10609+001 | .10712+001    | .10816+001 | .10920+001 |
| THETA= .10000+000 | .11000+000 | .12000+000    | .13000+000 | .14000+000 |
| -I-               | -----      | SUM-P(I)----- |            |            |
| 0                 | .90701+000 | .89842+000    | .88996+000 | .88161+000 |
| 1                 | .99771+000 | .99725+000    | .99675+000 | .99622+000 |
| 2                 | .99997+000 | .99997+000    | .99996+000 | .99995+000 |
| 3                 | 1.00000    | 1.00000       | 1.00000    | 1.00000    |
| H = .11025+001    | .11131+001 | .11236+001    | .11343+001 | .11450+001 |
| THETA= .15000+000 | .16000+000 | .17000+000    | .18000+000 | .19000+000 |
| -I-               | -----      | SUM-P(I)----- |            |            |
| 0                 | .86526+000 | .85725+000    | .84936+000 | .84156+000 |
| 1                 | .99505+000 | .99442+000    | .99375+000 | .99305+000 |
| 2                 | .99992+000 | .99990+000    | .99988+000 | .99986+000 |
| 3                 | 1.00000    | 1.00000       | 1.00000    | 1.00000    |
| H = .11557+001    | .11665+001 | .11774+001    | .11883+001 | .11992+001 |
| THETA= .20000+000 | .21000+000 | .22000+000    | .23000+000 | .24000+000 |
| -I-               | -----      | SUM-P(I)----- |            |            |
| 0                 | .82629+000 | .81881+000    | .81142+000 | .80414+000 |
| 1                 | .99155+000 | .99076+000    | .98994+000 | .98909+000 |
| 2                 | .99981+000 | .99979+000    | .99976+000 | .99972+000 |
| 3                 | 1.00000    | 1.00000       | 1.00000    | 1.00000    |
| H = .12102+001    | .12213+001 | .12324+001    | .12436+001 | .12548+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0

THETA= .25000+000 .26000+000 .27000+000 .28000+000 .29000+000

|     |                    |            |            |            |            |
|-----|--------------------|------------|------------|------------|------------|
| -I- | -----SUM-P(I)----- |            |            |            |            |
| 0   | .78985+000         | .78284+000 | .77593+000 | .76910+000 | .76236+000 |
| 1   | .98731+000         | .98638+000 | .98543+000 | .98445+000 | .98345+000 |
| 2   | .99965+000         | .99961+000 | .99957+000 | .99952+000 | .99947+000 |
| 3   | .99999+000         | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 4   | 1.00000            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .12661+001       | .12774+001 | .12888+001 | .13002+001 | .13117+001 |

THETA= .30000+000 .31000+000 .32000+000 .33000+000 .34000+000

|     |                    |            |            |            |            |
|-----|--------------------|------------|------------|------------|------------|
| -I- | -----SUM-P(I)----- |            |            |            |            |
| 0   | .75571+000         | .74914+000 | .74265+000 | .73624+000 | .72992+000 |
| 1   | .98242+000         | .98137+000 | .98030+000 | .97921+000 | .97809+000 |
| 2   | .99942+000         | .99937+000 | .99931+000 | .99925+000 | .99919+000 |
| 3   | .99999+000         | .99999+000 | .99999+000 | .99998+000 | .99998+000 |
| 4   | 1.00000            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .13233+001       | .13349+001 | .13465+001 | .13582+001 | .13700+001 |

THETA= .35000+000 .36000+000 .37000+000 .38000+000 .39000+000

|     |                    |            |            |            |            |
|-----|--------------------|------------|------------|------------|------------|
| -I- | -----SUM-P(I)----- |            |            |            |            |
| 0   | .72367+000         | .71750+000 | .71141+000 | .70539+000 | .69944+000 |
| 1   | .97696+000         | .97580+000 | .97463+000 | .97343+000 | .97222+000 |
| 2   | .99912+000         | .99905+000 | .99898+000 | .99890+000 | .99882+000 |
| 3   | .99998+000         | .99998+000 | .99998+000 | .99997+000 | .99997+000 |
| 4   | 1.00000            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .13818+001       | .13937+001 | .14057+001 | .14177+001 | .14297+001 |

THETA= .40000+000 .41000+000 .42000+000 .43000+000 .44000+000

|     |                    |            |            |            |            |
|-----|--------------------|------------|------------|------------|------------|
| -I- | -----SUM-P(I)----- |            |            |            |            |
| 0   | .69357+000         | .68776+000 | .68203+000 | .67636+000 | .67077+000 |
| 1   | .97099+000         | .96975+000 | .96648+000 | .96220+000 | .96590+000 |
| 2   | .99874+000         | .99865+000 | .99856+000 | .99847+000 | .99837+000 |
| 3   | .99997+000         | .99997+000 | .99996+000 | .99996+000 | .99996+000 |
| 4   | 1.00000            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .14418+001       | .14540+001 | .14662+001 | .14785+001 | .14908+001 |

THETA= .45000+000 .46000+000 .47000+000 .48000+000 .49000+000

|     |                    |            |            |            |            |
|-----|--------------------|------------|------------|------------|------------|
| -I- | -----SUM-P(I)----- |            |            |            |            |
| 0   | .66523+000         | .65977+000 | .65437+000 | .64903+000 | .64375+000 |
| 1   | .96459+000         | .96326+000 | .96192+000 | .96056+000 | .95919+000 |
| 2   | .99827+000         | .99816+000 | .99806+000 | .99795+000 | .99783+000 |
| 3   | .99995+000         | .99995+000 | .99994+000 | .99994+000 | .99993+000 |
| 4   | 1.00000            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .15032+001       | .15157+001 | .15282+001 | .15408+001 | .15534+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSSEL DISTRIBUTION

U2 = 0

| THETA = .50000+000 .60000+000 .70000+000 .80000+000 .90000+000 |            |            |            |            |            |
|--|------------|------------|------------|------------|------------|
| -I- ----- SUM-P(I) -----                                       |            |            |            |            |            |
| 0  | .63854+000 | .58954+000 | .54572+000 | .50634+000 | .47083+000 |
| 1  | .95780+000 | .94327+000 | .92772+000 | .91141+000 | .89457+000 |
| 2  | .99771+000 | .99633+000 | .99457+000 | .99243+000 | .98991+000 |
| 3  | .99993+000 | .99986+000 | .99977+000 | .99963+000 | .99944+000 |
| 4  | 1.00000    | 1.00000    | .99999+000 | .99999+000 | .99998+000 |
| 5  |            |            | 1.00000    | 1.00000    | 1.00000    |
| H =  | .15661+001 | .15962+001 | .18325+001 | .19750+001 | .21239+001 |
| THETA = .10000+001 .11000+001 .12000+001 .13000+001 .14000+001 |            |            |            |            |            |
| -I- ----- SUM-P(I) -----                                       |            |            |            |            |            |
| 0  | .43868+000 | .40948+000 | .38288+000 | .35858+000 | .33633+000 |
| 1  | .87735+000 | .85991+000 | .84234+000 | .82474+000 | .80719+000 |
| 2  | .98702+000 | .98377+000 | .98017+000 | .97624+000 | .97199+000 |
| 3  | .99921+000 | .99891+000 | .99855+000 | .99813+000 | .99703+000 |
| 4  | .99997+000 | .99995+000 | .99993+000 | .99990+000 | .99987+000 |
| 5  | 1.00000    | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 6  |            |            |            |            | 1.00000    |
| H =  | .22796+001 | .24421+001 | .26118+001 | .27888+001 | .29733+001 |
| THETA = .15000+001 .16000+001 .17000+001 .18000+001 .19000+001 |            |            |            |            |            |
| -I- ----- SUM-P(I) -----                                       |            |            |            |            |            |
| 0  | .31590+000 | .29710+000 | .27976+000 | .26374+000 | .24891+000 |
| 1  | .78974+000 | .77245+000 | .75535+000 | .73847+000 | .72185+000 |
| 2  | .96743+000 | .96259+000 | .95747+000 | .95210+000 | .94649+000 |
| 3  | .99705+000 | .99639+000 | .99565+000 | .99483+000 | .99392+000 |
| 4  | .99983+000 | .99977+000 | .99971+000 | .99964+000 | .99955+000 |
| 5  | .99999+000 | .99999+000 | .99999+000 | .99998+000 | .99998+000 |
| 6  | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =  | .31656+001 | .33659+001 | .35745+001 | .37916+001 | .40175+001 |
| THETA = .20000+001 .21000+001 .22000+001 .23000+001 .24000+001 |            |            |            |            |            |
| -I- ----- SUM-P(I) -----                                       |            |            |            |            |            |
| 0  | .23516+000 | .22239+000 | .21052+000 | .19945+000 | .18912+000 |
| 1  | .70549+000 | .68942+000 | .67365+000 | .65818+000 | .64302+000 |
| 2  | .94066+000 | .93461+000 | .92837+000 | .92195+000 | .91536+000 |
| 3  | .99291+000 | .99182+000 | .99064+000 | .98936+000 | .98799+000 |
| 4  | .99945+000 | .99933+000 | .99920+000 | .99905+000 | .99888+000 |
| 5  | .99997+000 | .99996+000 | .99995+000 | .99994+000 | .99993+000 |
| 6  | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =  | .42524+001 | .44965+001 | .47503+001 | .50138+001 | .52875+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 0

THETA= .25000+001 .26000+001 .27000+001 .28000+001 .29000+001

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .17948+000   | .17046+000 | .16201+000 | .15410+000 | .14667+000 |
| 1   | .62818+000   | .61366+000 | .59946+000 | .58557+000 | .57200+000 |
| 2   | .90862+000   | .90174+000 | .89473+000 | .88760+000 | .88036+000 |
| 3   | .98652+000   | .98496+000 | .98331+000 | .98156+000 | .97972+000 |
| 4   | .99869+000   | .99849+000 | .99826+000 | .99801+000 | .99773+000 |
| 5   | .99991+000   | .99989+000 | .99987+000 | .99985+000 | .99982+000 |
| 6   | 1.00000      | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 7   |              | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .55716+001 | .58664+001 | .61723+001 | .64894+001 | .68182+001 |

THETA= .30000+001 .31000+001 .32000+001 .33000+001 .34000+001

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .13968+000   | .13312+000 | .12694+000 | .12112+000 | .11563+000 |
| 1   | .55874+000   | .54579+000 | .53314+000 | .52080+000 | .50876+000 |
| 2   | .87303+000   | .86561+000 | .85811+000 | .85054+000 | .84292+000 |
| 3   | .97779+000   | .97577+000 | .97365+000 | .97145+000 | .96916+000 |
| 4   | .99743+000   | .99711+000 | .99676+000 | .99639+000 | .99598+000 |
| 5   | .99979+000   | .99976+000 | .99972+000 | .99968+000 | .99963+000 |
| 6   | .99999+000   | .99998+000 | .99998+000 | .99998+000 | .99997+000 |
| 7   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .71590+001 | .75121+001 | .78778+001 | .82565+001 | .86485+001 |

THETA= .35000+001 .36000+001 .37000+001 .38000+001 .39000+001

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .11044+000   | .10555+000 | .10092+000 | .96548-001 | .92405-001 |
| 1   | .49700+000   | .48553+000 | .47434+000 | .46343+000 | .45279+000 |
| 2   | .83524+000   | .82752+000 | .81976+000 | .81197+000 | .80416+000 |
| 3   | .95678+000   | .96431+000 | .96176+000 | .95913+000 | .95642+000 |
| 4   | .99555+000   | .99509+000 | .99460+000 | .99408+000 | .99353+000 |
| 5   | .99958+000   | .99952+000 | .99946+000 | .99939+000 | .99932+000 |
| 6   | .99997+000   | .99997+000 | .99996+000 | .99995+000 | .99995+000 |
| 7   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .90543+001 | .94741+001 | .99094+001 | .10358+002 | .10822+002 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 \approx 0$

THETA = .40000+001 .41000+001 .42000+001 .43000+001 .44000+001  
 -I- -----SUM-P(I)-----  
 0 .88481-001 .84760-001 .81231-001 .77882-001 .74700-001  
 1 .44240+000 .43228+000 .41740+000 .41277+000 .40338+000  
 2 .79632+000 .78848+000 .7063+000 .77278+000 .76493+000  
 3 .95362+000 .95075+000 .94781+000 .94478+000 .94169+000  
 4 .99295+000 .99233+000 .99169+000 .99101+000 .99030+000  
 5 .99924+000 .99915+000 .99906+000 .99896+000 .99885+000  
 6 .99994+000 .99993+000 .99992+000 .99991+000 .99990+000  
 7 1.00000 1.00000 .99999+000 .99999+000 .99999+000  
 8 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .11302+002 .11798+002 .12311+002 .12840+002 .13387+002

THETA = .45000+001 .46000+001 .47000+001 .48000+001 .49000+001  
 -I- -----SUM-P(I)-----  
 0 .71677-001 .68803-001 .66068-001 .63465-001 .60986-001  
 1 .39423+000 .39530+000 .37659+000 .36810+000 .35982+000  
 2 .75709+000 .74526+000 .74145+000 .73366+000 .72589+000  
 3 .93853+000 .93529+000 .93199+000 .92862+000 .92520+000  
 4 .98955+000 .98877+000 .98796+000 .98711+000 .98623+000  
 5 .99874+000 .99862+000 .99848+000 .99834+000 .99820+000  
 6 .99989+000 .99987+000 .99986+000 .99994+000 .99982+000  
 7 .99999+000 .99999+000 .99999+000 .99999+000 .99999+000  
 8 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .13951+002 .14534+002 .15136+002 .15757+002 .16397+002

THETA = .50000+001 .52000+001 .54000+001 .56000+001 .58000+001  
 -I- -----SUM-P(I)-----  
 0 .58624-001 .54225-001 .50219-001 .46566-001 .43228-001  
 1 .35173+000 .33619+000 .32140+000 .30733+000 .29395+000  
 2 .71815+000 .70275+000 .68750+000 .67241+000 .65750+000  
 3 .92170+000 .91454+000 .90716+000 .89957+000 .89178+000  
 4 .98532+000 .98338+000 .98130+000 .97907+000 .97671+000  
 5 .99804+000 .99769+000 .99731+000 .99688+000 .99641+000  
 6 .99980+000 .99976+000 .99971+000 .99965+000 .99959+000  
 7 .99999+000 .99998+000 .99998+000 .99997+000 .99996+000  
 8 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .17058+002 .18442+002 .19913+002 .21475+002 .23133+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0

THETA= .60000+001 .62000+001 .64000+001 .66000+001 .68000+001  
 -I-----SUM-P(I)-----  
 0 .40173-001 .37374-001 .34805-001 .32443-001 .30270-001  
 1 .28121+000 .26309+000 .25755+000 .24657+000 .23610+000  
 2 .64277+000 .62826+000 .61395+000 .59987+000 .58602+000  
 3 .88381+000 .87568+000 .86739+000 .85896+000 .85041+000  
 4 .97420+000 .97156+000 .96877+000 .96584+000 .96277+000  
 5 .99590+000 .99533+000 .99472+000 .99405+000 .99333+000  
 6 .99951+000 .99943+000 .99933+000 .99923+000 .99911+000  
 7 .99996+000 .99995+000 .99993+000 .99992+000 .99991+000  
 8 1.00000 1.00000 .99999+000 .99999+000 .99999+000  
 9 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .24892+002 .26757+002 .28732+002 .30823+002 .33036+002

THETA= .70000+001 .72000+001 .74000+001 .76000+001 .78000+001  
 -I-----SUM-P(I)-----  
 0 .28267-001 .26420-001 .24713-001 .23136-001 .21675-001  
 1 .22614+000 .21664+000 .20759+000 .19897+000 .19074+000  
 2 .57241+000 .55904+000 .54592+000 .53304+000 .52042+000  
 3 .84174+000 .83296+000 .82410+000 .81515+000 .80614+000  
 4 .95957+000 .95623+000 .95276+000 .94916+000 .94543+000  
 5 .99256+000 .99173+000 .99084+000 .98989+000 .98888+000  
 6 .99897+000 .99883+000 .99867+000 .99849+000 .99830+000  
 7 .99989+000 .99987+000 .99985+000 .99983+000 .99980+000  
 8 .99999+000 .99999+000 .99999+000 .99998+000 .99998+000  
 9 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .35377+002 .37850+002 .40464+002 .43224+002 .46136+002

THETA= .80000+001 .82000+001 .84000+001 .86000+001 .88000+001  
 -I-----SUM-P(I)-----  
 0 .20322-001 .19066-001 .17901-001 .16818-001 .15811-001  
 1 .18290+000 .17541+000 .16827+000 .16145+000 .15495+000  
 2 .50804+000 .49592+000 .48404+000 .47242+000 .46105+000  
 3 .79706+000 .78793+000 .77877+000 .76957+000 .76034+000  
 4 .94157+000 .93759+000 .93350+000 .92928+000 .92496+000  
 5 .98781+000 .98668+000 .98549+000 .98423+000 .98290+000  
 6 .99809+000 .99786+000 .99762+000 .99735+000 .99706+000  
 7 .99977+000 .99973+000 .99970+000 .99965+000 .99961+000  
 8 .99998+000 .99997+000 .99997+000 .99996+000 .99996+000  
 9 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .49209+002 .52448+002 .55863+002 .59460+002 .63247+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = C

THE TA= .90000+001 .92000+001 .94000+001 .96000+001 .98000+001  
 -I- ----- SUM-P(I) -----  
 0 .14873-001 .14000-001 .13185-001 .12425-001 .11716-001  
 1 .14873+000 .14280+000 .13713+000 .13171+000 .12653+000  
 2 .44992+000 .43904+000 .42839+000 .41799+000 .40783+000  
 3 .75110+000 .74186+000 .73261+000 .72336+000 .71413+000  
 4 .92052+000 .91598+000 .91133+000 .90658+000 .90174+000  
 5 .98151+000 .98005+000 .97853+000 .97694+000 .97528+000  
 6 .99676+000 .99643+000 .99608+000 .99570+000 .99530+000  
 7 .99956+000 .99950+000 .99944+000 .99938+000 .99930+000  
 8 .99995+000 .99994+000 .99994+000 .99993+000 .99992+000  
 9 1.00000 1.00000 1.00000 1.00000 1.00000  
 10 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .67234+002 .71429+002 .75841+002 .80480+002 .85355+002

THE TA= .10000+002 .10200+002 .10400+002 .10600+002 .10800+002  
 -I- ----- SUM-P(I) -----  
 0 .11053-001 .10433-001 .98522-002 .93088-002 .87996-002  
 1 .12158+000 .11684+000 .11231+000 .10798+000 .10383+000  
 2 .39790+000 .38819+000 .37872+000 .36946+000 .36043+000  
 3 .70491+000 .69572+000 .68656+000 .67743+000 .66835+000  
 4 .89680+000 .89177+000 .88666+000 .88146+000 .87619+000  
 5 .97356+000 .97176+000 .96990+000 .96797+000 .96598+000  
 6 .99488+000 .99443+000 .99395+000 .99344+000 .99291+000  
 7 .99923+000 .99914+000 .99905+000 .99895+000 .99885+000  
 8 .99991+000 .99989+000 .99988+000 .99987+000 .99985+000  
 9 .99999+000 .99999+000 .99999+000 .99999+000 .99998+000  
 10 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .90476+002 .95854+002 .10150+003 .10743+003 .11364+003

THE TA= .11000+002 .11200+002 .11400+002 .11600+002 .11800+002  
 -I- ----- SUM-P(I) -----  
 0 .83222-002 .78743-002 .74538-002 .70589-002 .66877-002  
 1 .99866-001 .96066-001 .92427-001 .88942-001 .85603-001  
 2 .35161+000 .34300+000 .33460+000 .32640+000 .31840+000  
 3 .65930+000 .65030+000 .64136+000 .63246+000 .62363+000  
 4 .87084+000 .86541+000 .85992+000 .85436+000 .84874+000  
 5 .96391+000 .96178+000 .95958+000 .95732+000 .95499+000  
 6 .99235+000 .99176+000 .99114+000 .99049+000 .98981+000  
 7 .99874+000 .99861+000 .99848+000 .99835+000 .99820+000  
 8 .99983+000 .99981+000 .99979+000 .99977+000 .99975+000  
 9 .99998+000 .99998+000 .99998+000 .99997+000 .99997+000  
 10 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .12016+003 .12700+003 .13416+003 .14167+003 .14953+003

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 0

| THETA= | .12000+002 | .12200+002 | .12400+002 | .12600+002 | .12800+002 |
|--------|------------|------------|------------|------------|------------|
| -I-    |            |            | SUM-P(I)   |            |            |
| 0      | .63388-002 | .60104-002 | .57014-002 | .54103-002 | .51361-002 |
| 1      | .82404-001 | .79338-001 | .76398-001 | .73580-001 | .70878-001 |
| 2      | .31060+000 | .30299+000 | .29556+000 | .28832+000 | .28125+000 |
| 3      | .61486+000 | .60615+000 | .59751+000 | .58894+000 | .58045+000 |
| 4      | .84306+000 | .83732+000 | .83153+000 | .82569+000 | .81981+000 |
| 5      | .95259+000 | .95013+000 | .94760+000 | .94501+000 | .94236+000 |
| 6      | .98910+000 | .98836+000 | .98758+000 | .98677+000 | .98593+000 |
| 7      | .99804+000 | .99788+000 | .99770+000 | .99751+000 | .99731+000 |
| 8      | .99972+000 | .99969+000 | .99966+000 | .99962+000 | .99959+000 |
| 9      | .99997+000 | .99996+000 | .99996+000 | .99995+000 | .99995+000 |
| 10     | 1.00000    | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 11     |            |            |            |            | 1.00000    |
| H =    | .15776+003 | .16638+003 | .17540+003 | .18483+003 | .19470+003 |

| THETA= | .13000+002 | .13200+002 | .13400+002 | .13600+002 | .13800+002 |
|--------|------------|------------|------------|------------|------------|
| -I-    |            |            | SUM-P(I)   |            |            |
| 0      | .48775-002 | .46337-002 | .44036-002 | .41864-002 | .39813-002 |
| 1      | .68285-001 | .65798-001 | .63412-001 | .61121-001 | .58923-001 |
| 2      | .27436+000 | .26764+000 | .26109+000 | .25470+000 | .24847+000 |
| 3      | .57202+000 | .56368+000 | .55541+000 | .54722+000 | .53911+000 |
| 4      | .81388+000 | .80791+000 | .80190+000 | .79586+000 | .78979+000 |
| 5      | .93964+000 | .93586+000 | .93402+000 | .93112+000 | .92816+000 |
| 6      | .98505+000 | .98414+000 | .98320+000 | .98222+000 | .98121+000 |
| 7      | .99710+000 | .99688+000 | .99665+000 | .99640+000 | .99614+000 |
| 8      | .99955+000 | .99951+000 | .99946+000 | .99942+000 | .99937+000 |
| 9      | .99994+000 | .99994+000 | .99993+000 | .99992+000 | .99991+000 |
| 10     | .99999+000 | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 11     | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =    | .20502+003 | .21581+003 | .22709+003 | .23887+003 | .25118+003 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 0

| THETA = | .14000+002 | .14200+002    | .14400+002 | .14600+002 | .14800+002 |
|---------|------------|---------------|------------|------------|------------|
| -I-     | -----      | SUM-P(I)----- |            |            |            |
| 0       | .37875-002 | .36043-002    | .34310-002 | .32671-002 | .31121-002 |
| 1       | .56812-001 | .54785-001    | .52838-001 | .50968-001 | .49171-001 |
| 2       | .24240+000 | .23648+000    | .23070+000 | .22507+000 | .21959+000 |
| 3       | .53109+000 | .52314+000    | .51529+000 | .50751+000 | .49983+000 |
| 4       | .78369+000 | .77756+000    | .77141+000 | .76524+000 | .75905+000 |
| 5       | .92515+000 | .92207+000    | .91894+000 | .91575+000 | .91251+000 |
| 6       | .98016+000 | .97907+000    | .97795+000 | .97679+000 | .97560+000 |
| 7       | .99587+000 | .99559+000    | .99529+000 | .99498+000 | .99455+000 |
| 8       | .99931+000 | .99925+000    | .99919+000 | .99913+000 | .99906+000 |
| 9       | .99991+000 | .99990+000    | .99989+000 | .99988+000 | .99986+000 |
| 10      | .99999+000 | .99999+000    | .99999+000 | .99999+000 | .99998+000 |
| 11      | 1.00000    | 1.00000       | 1.00000    | 1.00000    | 1.00000    |
| H =     | .26403+003 | .27745+003    | .29146+003 | .30608+003 | .32133+003 |

| THETA = | .15000+002 | .15500+002    | .16000+002 | .16500+002 | .17000+002 |
|---------|------------|---------------|------------|------------|------------|
| -I-     | -----      | SUM-P(I)----- |            |            |            |
| 0       | .29652-002 | .26311-002    | .23388-002 | .20825-002 | .18573-002 |
| 1       | .47444-001 | .43414-001    | .39760-001 | .36444-001 | .33432-001 |
| 2       | .21424+000 | .20145+000    | .18945+000 | .17819+000 | .16762+000 |
| 3       | .49223+000 | .47361+000    | .45555+000 | .43805+000 | .42110+000 |
| 4       | .75284+000 | .73728+000    | .72166+000 | .70603+000 | .69041+000 |
| 5       | .90921+000 | .90075+000    | .89197+000 | .88289+000 | .87354+000 |
| 6       | .97437+000 | .97113+000    | .96766+000 | .96396+000 | .96002+000 |
| 7       | .99431+000 | .99339+000    | .99238+000 | .99126+000 | .99003+000 |
| 8       | .99899+000 | .99879+000    | .99856+000 | .99829+000 | .99800+000 |
| 9       | .99985+000 | .99982+000    | .99978+000 | .99973+000 | .99967+000 |
| 10      | .99998+000 | .99998+000    | .99997+000 | .99996+000 | .99995+000 |
| 11      | 1.00000    | 1.00000       | 1.00000    | 1.00000    | .99999+000 |
| 12      |            |               |            |            | 1.00000    |
| H =     | .33724+003 | .38006+003    | .42756+003 | .48019+003 | .53841+003 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 0

| THETA= | .17500+002 | .18000+002 | .18500+002 | .19000+002 | .19500+002 |
|--------|------------|------------|------------|------------|------------|
| -I-    |            |            | SUM-P(I)   |            |            |
| 0      | .16590-002 | .14842-002 | .13296-002 | .11928-002 | .10715-002 |
| 1      | .30692-001 | .28199-001 | .25927-001 | .23856-001 | .21965-001 |
| 2      | .15771+000 | .14842+000 | .13969+000 | .13151+000 | .12382+000 |
| 3      | .40470+000 | .38885+000 | .37354+000 | .35877+000 | .34451+000 |
| 4      | .67484+000 | .65934+000 | .64393+000 | .62864+000 | .61348+000 |
| 5      | .86394+000 | .85409+000 | .84402+000 | .83374+000 | .82327+000 |
| 6      | .95586+000 | .95146+000 | .94684+000 | .94199+000 | .93691+000 |
| 7      | .99869+000 | .98723+000 | .98566+000 | .98396+000 | .98214+000 |
| 8      | .99767+000 | .99729+000 | .99688+000 | .99642+000 | .99592+000 |
| 9      | .99960+000 | .99953+000 | .99944+000 | .99934+000 | .99923+000 |
| 10     | .99994+000 | .99993+000 | .99992+000 | .99990+000 | .99986+000 |
| 11     | .99999+000 | .99999+000 | .99999+000 | .99999+000 | .99998+000 |
| 12     | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =    | .60275+003 | .67378+003 | .75210+003 | .83837+003 | .93329+003 |

| THETA= | .20000+002 | .21000+002 | .22000+002 | .23000+002 | .24000+002 |
|--------|------------|------------|------------|------------|------------|
| -I-    |            |            | SUM-P(I)   |            |            |
| 0      | .96373-003 | .78252-003 | .63831-003 | .52292-003 | .43013-003 |
| 1      | .20238-001 | .17215-001 | .14681-001 | .12550-001 | .10753-001 |
| 2      | .11661+000 | .10349+000 | .91916+001 | .81707+001 | .72692+001 |
| 3      | .33077+000 | .30479+000 | .28071+000 | .25844+000 | .23786+000 |
| 4      | .59848+000 | .56900+000 | .54031+000 | .51249+000 | .48562+000 |
| 5      | .81264+000 | .79094+000 | .76875+000 | .74622+000 | .72346+000 |
| 6      | .93162+000 | .92040+000 | .90836+000 | .89555+000 | .88202+000 |
| 7      | .98018+000 | .97588+000 | .97104+000 | .96564+000 | .95969+000 |
| 8      | .99536+000 | .99409+000 | .99259+000 | .99083+000 | .98881+000 |
| 9      | .99911+000 | .99881+000 | .99844+000 | .99798+000 | .99744+000 |
| 10     | .99986+000 | .99980+000 | .99972+000 | .99963+000 | .99951+000 |
| 11     | .99998+000 | .99997+000 | .99996+000 | .99994+000 | .99992+000 |
| 12     | 1.00000    | 1.00000    | .99999+000 | .99999+000 | .99999+000 |
| 13     |            |            | 1.00000    | 1.00000    | 1.00000    |
| H =    | .10376+004 | .12779+004 | .15666+004 | .19123+004 | .23249+004 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 0

| THETA = | .25000+002 | .30000+002 | .35000+002 | .40000+002 | .45000+002 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .35515-003 | .14329-003 | .61970-004 | .26327-004 | .13553-004 |
| 1       | .92339-002 | .44420-002 | .22309-002 | .11614-002 | .62342-003 |
| 2       | .64726-001 | .36683-001 | .21209-001 | .12492-001 | .74845-002 |
| 3       | .21887+000 | .14415+000 | .95013-001 | .32852-001 | .41790-001 |
| 4       | .45972+000 | .34565+000 | .25646+000 | .18875+000 | .13827+000 |
| 5       | .70057+000 | .58746+000 | .48248+000 | .39019+000 | .31194+000 |
| 6       | .86783+000 | .78896+000 | .70223+000 | .61401+000 | .52903+000 |
| 7       | .95317+000 | .91233+000 | .85919+000 | .79672+000 | .72840+000 |
| 8       | .98650+000 | .97016+000 | .94503+000 | .91091+000 | .86858+000 |
| 9       | .99679+000 | .99158+000 | .98212+000 | .96730+000 | .94646+000 |
| 10      | .99936+000 | .99801+000 | .99510+000 | .98986+000 | .98150+000 |
| 11      | .99989+000 | .99960+000 | .99886+000 | .99732+000 | .99453+000 |
| 12      | .99998+000 | .99993+000 | .99977+000 | .99959+000 | .99861+000 |
| 13      | 1.00000    | .99999+000 | .99996+000 | .99988+000 | .99969+000 |
| 14      |            | 1.00000    | .99999+000 | .99998+000 | .99994+000 |
| 15      |            |            | 1.00000    | 1.00000    | .99999+000 |
| 16      |            |            |            |            | 1.00000    |
| H =     | .29157+004 | .69788+004 | .16137+005 | .35302+005 | .73786+005 |

| THETA = | .50000+002 | .55000+002 | .60000+002 | .65000+002 | .70000+002 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .67377-005 | .34616-005 | .18300-005 | .99213-006 | .55004-006 |
| 1       | .34362-003 | .19385-003 | .11163-003 | .65480-004 | .39053-004 |
| 2       | .45547-002 | .28117-002 | .17586-002 | .11134-002 | .71285-003 |
| 3       | .27949-001 | .18809-001 | .12739-001 | .86818-002 | .59535-002 |
| 4       | .10106+000 | .73802-001 | .53914-001 | .39428-001 | .28981-001 |
| 5       | .24727+000 | .19479+000 | .15274+000 | .11937+000 | .93080-001 |
| 6       | .45035+000 | .37962+000 | .31744+000 | .26371+000 | .21791+000 |
| 7       | .65758+000 | .58709+000 | .51911+000 | .45518+000 | .39624+000 |
| 8       | .81947+000 | .76538+000 | .70818+000 | .64964+000 | .59128+000 |
| 9       | .91941+000 | .88645+000 | .84824+000 | .80569+000 | .75984+000 |
| 10      | .96937+000 | .95303+000 | .93227+000 | .90712+000 | .87783+000 |
| 11      | .99002+000 | .98330+000 | .97394+000 | .96161+000 | .94609+000 |
| 12      | .99719+000 | .99486+000 | .99130+000 | .98620+000 | .97927+000 |
| 13      | .99931+000 | .99862+000 | .99746+000 | .99566+000 | .99302+000 |
| 14      | .99985+000 | .99967+000 | .99935+000 | .99880+000 | .99793+000 |
| 15      | .99997+000 | .99993+000 | .99985+000 | .99971+000 | .99945+000 |
| 16      | 1.00000    | .99999+000 | .99997+000 | .99994+000 | .99987+000 |
| 17      |            | 1.00000    | .99999+000 | .99999+000 | .99997+000 |
| 18      |            |            | 1.00000    | 1.00000    | .99999+000 |
| 19      |            |            |            |            | 1.00000    |
| H =     | .14842+006 | .28889+006 | .54644+006 | .10079+007 | .18180+007 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 0

| THE TA = | .75000+002 | .80000+002 | .85000+002 | .90000+002 | .95000+002 |
|----------|------------|------------|------------|------------|------------|
| -I-      | SUM-P(I)   |            |            |            |            |
| 0        | .31113-006 | .17921-006 | .10494-006 | .62383-007 | .37603-007 |
| 1        | .23646-004 | .14516-004 | .90247-005 | .56769-005 | .36098-005 |
| 2        | .45117-003 | .30125-003 | .19857-003 | .13200-003 | .88451-004 |
| 3        | .41072-002 | .28500-002 | .19887-002 | .13953-002 | .98399-003 |
| 4        | .21198-001 | .15594-001 | .11499-001 | .85011-002 | .63013-002 |
| 5        | .72470-001 | .56373-001 | .43834-001 | .34082-001 | .26507-001 |
| 6        | .17929+000 | .14699+000 | .12018+000 | .98034-001 | .79827-001 |
| 7        | .34278+000 | .29495+000 | .25262+000 | .21550+000 | .18320+000 |
| 8        | .53438+000 | .47989+000 | .42851+000 | .38068+000 | .33665+000 |
| 9        | .71178+000 | .66255+000 | .61309+000 | .56422+000 | .51662+000 |
| 10       | .84484+000 | .80868+000 | .76998+000 | .72940+000 | .68760+000 |
| 11       | .92731+000 | .90529+000 | .88019+000 | .85226+000 | .82183+000 |
| 12       | .97026+000 | .95896+000 | .94525+000 | .92905+000 | .91039+000 |
| 13       | .98932+000 | .98437+000 | .97797+000 | .96995+000 | .96017+000 |
| 14       | .99662+000 | .99474+000 | .99216+000 | .98872+000 | .98430+000 |
| 15       | .99905+000 | .99943+000 | .99752+000 | .99624+000 | .99449+000 |
| 16       | .99976+000 | .99958+000 | .99930+000 | .99888+000 | .99827+000 |
| 17       | .99995+000 | .99990+000 | .99982+000 | .99970+000 | .99951+000 |
| 18       | .99999+000 | .99998+000 | .99996+000 | .99993+000 | .99988+000 |
| 19       | 1.00000    | 1.00000C   | .99999+000 | .99998+000 | .99997+000 |
| 20       |            |            | 1.00000    | 1.00000    | .99999+000 |
| 21       |            |            |            |            | 1.00000    |
| N =      | .32141+007 | .55801+007 | .95294+007 | .16030+008 | .26594+008 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0

THE TAU = .10000+003

| -I- | -----SUM-P(I)----- |  |  |  |  |
|-----|--------------------|--|--|--|--|
| 0   | .22958-007         |  |  |  |  |
| 1   | .23187-005         |  |  |  |  |
| 2   | .59713-004         |  |  |  |  |
| 3   | .69743-003         |  |  |  |  |
| 4   | .46831-002         |  |  |  |  |
| 5   | .20626-001         |  |  |  |  |
| 6   | .64912-001         |  |  |  |  |
| 7   | .15529+000         |  |  |  |  |
| 8   | .29651+000         |  |  |  |  |
| 9   | .47085+000         |  |  |  |  |
| 10  | .64519+000         |  |  |  |  |
| 11  | .75928+000         |  |  |  |  |
| 12  | .88934+000         |  |  |  |  |
| 13  | .94854+000         |  |  |  |  |
| 14  | .97875+000         |  |  |  |  |
| 15  | .99218+000         |  |  |  |  |
| 16  | .99742+000         |  |  |  |  |
| 17  | .99923+000         |  |  |  |  |
| 18  | .99980+000         |  |  |  |  |
| 19  | .99995+000         |  |  |  |  |
| 20  | .99999+000         |  |  |  |  |
| 21  | 1.00000            |  |  |  |  |
| H   | = .43558+008       |  |  |  |  |

U2 = 1

THE TAU = .00000+000    .10000-001    .20010-001    .30000-001    .40000-001

| -I- | -----SUM-P(I)----- |            |            |            |            |
|-----|--------------------|------------|------------|------------|------------|
| 0   | 1.00000            | .99502+000 | .99007+000 | .98515+000 | .98026+000 |
| 1   |                    | .99999+000 | .99997+000 | .99993+000 | .99987+000 |
| 2   |                    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .10000+001       | .10050+001 | .10100+001 | .10151+001 | .10201+001 |

THE TAU = .50000-001    .60000-001    .70000-001    .80000-001    .90000-001

| -I- | -----SUM-P(I)----- |            |            |            |            |
|-----|--------------------|------------|------------|------------|------------|
| 0   | .97541+000         | .97059+000 | .96580+000 | .96104+000 | .95632+000 |
| 1   | .99980+000         | .99971+000 | .99960+000 | .99948+000 | .99935+000 |
| 2   | 1.00000            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .10252+001       | .10303+001 | .10354+001 | .10405+001 | .457+001   |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

| THETA= | .10000+000 | .11000+000 | .12000+000 | .13000+000 | .14000+000 |
|--------|------------|------------|------------|------------|------------|
| -I-    | SUM-P(I)   |            |            |            |            |
| 0      | .95162+000 | .94695+000 | .94232+000 | .93771+000 | .93314+000 |
| 1      | .99920+000 | .99904+000 | .99886+000 | .99866+000 | .99846+000 |
| 2      | .99999+000 | .99999+000 | .99999+000 | .99999+000 | .99998+000 |
| 3      | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =    | .10508+001 | .10560+001 | .10612+001 | .10664+001 | .10717+001 |
| THETA= | .15000+000 | .16000+000 | .17000+000 | .18000+000 | .19000+000 |
| -I-    | SUM-P(I)   |            |            |            |            |
| 0      | .92859+000 | .92408+000 | .91959+000 | .91513+000 | .91070+000 |
| 1      | .99824+000 | .99800+000 | .99775+000 | .99749+000 | .99722+000 |
| 2      | .99998+000 | .99997+000 | .99997+000 | .99996+000 | .99996+000 |
| 3      | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =    | .10769+001 | .10822+001 | .10874+001 | .10927+001 | .10981+001 |
| THETA= | .20000+000 | .21000+000 | .22000+000 | .23000+000 | .24000+000 |
| -I-    | SUM-P(I)   |            |            |            |            |
| 0      | .90630+000 | .90192+000 | .89758+000 | .89326+000 | .88897+000 |
| 1      | .99693+000 | .99663+000 | .99631+000 | .99599+000 | .99565+000 |
| 2      | .99995+000 | .99994+000 | .99993+000 | .99992+000 | .99991+000 |
| 3      | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =    | .11034+001 | .11087+001 | .11141+001 | .11195+001 | .11249+001 |
| THETA= | .25000+000 | .26000+000 | .27000+000 | .28000+000 | .29000+000 |
| -I-    | SUM-P(I)   |            |            |            |            |
| 0      | .88471+000 | .88047+000 | .87626+000 | .87208+000 | .86792+000 |
| 1      | .99529+000 | .99493+000 | .99456+000 | .99417+000 | .99377+000 |
| 2      | .99990+000 | .99989+000 | .99988+000 | .99987+000 | .99985+000 |
| 3      | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =    | .11303+001 | .11358+001 | .11412+001 | .11467+001 | .11522+001 |
| THETA= | .30000+000 | .31000+000 | .32000+000 | .33000+000 | .34000+000 |
| -I-    | SUM-P(I)   |            |            |            |            |
| 0      | .86379+000 | .85968+000 | .85560+000 | .85155+000 | .84752+000 |
| 1      | .99336+000 | .99293+000 | .99250+000 | .99206+000 | .99160+000 |
| 2      | .99984+000 | .99982+000 | .99980+000 | .99978+000 | .99976+000 |
| 3      | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =    | .11577+001 | .11632+001 | .11688+001 | .11743+001 | .11799+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

THETA= .35000+000 .36000+000 .37000+000 .38000+000 .39000+000  
 -I-----SUM-P(I)-----  
 0 .84352+000 .83954+000 .83558+000 .83165+000 .82775+000  
 1 .99113+000 .99066+000 .99017+000 .98967+000 .98916+000  
 2 .99974+000 .99972+000 .99970+000 .99968+000 .99965+000  
 3 1.00000 1.00000 .99999+000 .99999+000 .99999+000  
 4 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .11855+001 .11911+001 .11968+001 .12024+001 .12081+001

THETA= .40000+000 .41000+000 .42000+000 .43000+000 .44000+000  
 -I-----SUM-P(I)-----  
 0 .82387+000 .82001+000 .81618+000 .81237+000 .80858+000  
 1 .98864+000 .98811+000 .98757+000 .98702+000 .98647+000  
 2 .99963+000 .99960+000 .99957+000 .99954+000 .99951+000  
 3 .99999+000 .99999+000 .99999+000 .99999+000 .99999+000  
 4 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .12138+001 .12195+001 .12252+001 .12310+001 .12367+001

THETA= .45000+000 .46000+000 .47000+000 .48000+000 .49000+000  
 -I-----SUM-P(I)-----  
 0 .80481+000 .80107+000 .79735+000 .79366+000 .78999+000  
 1 .98590+000 .98532+000 .98473+000 .98414+000 .98353+000  
 2 .99948+000 .99945+000 .99941+000 .99938+000 .99934+000  
 3 .99999+000 .99999+000 .99999+000 .99999+000 .99998+000  
 4 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .12425+001 .12483+001 .12541+001 .12600+001 .12658+001

THETA= .50000+000 .60000+000 .70000+000 .80000+000 .90000+000  
 -I-----SUM-P(I)-----  
 0 .78633+000 .75101+000 .71772+000 .68633+000 .65669+000  
 1 .98292+000 .97631+000 .96892+000 .96086+000 .95220+000  
 2 .99930+000 .99884+000 .99823+000 .99746+000 .99652+000  
 3 .99998+000 .99997+000 .99994+000 .99990+000 .99985+000  
 4 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .12717+001 .13315+001 .13933+001 .14570+001 .15228+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

THETA= .10000+001 .11000+001 .12000+001 .13000+001 .14000+001  
 -I-----SUM-P(I)-----  
 0 .62868+000 .60219+000 .57712+000 .55336+000 .53085+000  
 1 .94302+000 .93340+000 .92339+000 .91305+000 .90244+000  
 2 .99541+000 .99412+000 .99264+000 .99098+000 .98914+000  
 3 .99977+000 .99968+000 .99957+000 .99943+000 .99926+000  
 4 .99999+000 .99999+000 .99998+000 .99998+000 .99997+000  
 5 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .15906+001 .16606+001 .17327+001 .18071+001 .18838+001

THETA= .15000+001 .16000+001 .17000+001 .18000+001 .19000+001  
 -I-----SUM-P(I)-----  
 0 .50948+000 .48919+000 .46992+000 .45160+000 .43416+000  
 1 .89159+000 .88056+000 .86935+000 .85803+000 .84661+000  
 2 .98712+000 .98491+000 .98252+000 .97996+000 .97723+000  
 3 .99906+000 .99883+000 .99856+000 .99825+000 .99791+000  
 4 .99995+000 .99994+000 .99992+000 .99990+000 .99987+000  
 5 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .19628+001 .20442+001 .21280+001 .22144+001 .23033+001

THETA= .20000+001 .21000+001 .22000+001 .23000+001 .24000+001  
 -I-----SUM-P(I)-----  
 0 .41757+000 .40176+000 .38669+000 .37232+000 .35862+000  
 1 .83513+000 .82360+000 .81205+000 .80050+000 .78836+000  
 2 .97432+000 .97125+000 .96802+000 .96463+000 .96109+000  
 3 .99752+000 .99709+000 .99661+000 .99609+000 .99552+000  
 4 .99984+000 .99980+000 .99976+000 .99971+000 .99965+000  
 5 .99999+000 .99999+000 .99999+000 .99998+000 .99998+000  
 6 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .23948+001 .24891+001 .25860+001 .26858+001 .27885+001

THETA= .25000+001 .26000+001 .27000+001 .28000+001 .29000+001  
 -I-----SUM-P(I)-----  
 0 .34553+000 .33303+000 .32109+000 .30967+000 .29875+000  
 1 .77744+000 .76597+000 .75456+000 .74321+000 .73193+000  
 2 .95741+000 .95358+000 .94962+000 .94552+000 .94130+000  
 3 .99490+000 .99423+000 .99351+000 .99273+000 .99190+000  
 4 .99959+000 .99951+000 .99943+000 .99934+000 .99924+000  
 5 .99998+000 .99997+000 .99996+000 .99996+000 .99995+000  
 6 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .28941+001 .30027+001 .31144+001 .32293+001 .33473+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

THETA= .30000+001 .31000+001 .32000+001 .33000+001 .34000+001  
 -I-----SUM-P(I)-----  
 0 .28830+000 .27829+000 .26871+000 .25953+000 .25073+000  
 1 .72074+000 .70964+000 .69864+000 .68775+000 .67696+000  
 2 .93696+000 .93251+000 .92794+000 .92327+000 .91850+000  
 3 .99102+000 .99008+000 .98909+000 .98804+000 .98693+000  
 4 .99913+000 .99901+000 .99887+000 .99873+000 .99857+000  
 5 .99994+000 .99993+000 .99992+000 .99990+000 .99989+000  
 6 1.00000 1.00000 1.00000 1.00000 1.00000  
 7 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .34686+001 .35934+001 .37215+001 .38531+001 .39884+001

THETA= .35000+001 .36000+001 .37000+001 .38000+001 .39000+001  
 -I-----SUM-P(I)-----  
 0 .24229+000 .23415+000 .22643+000 .21807+000 .21181+000  
 1 .66630+000 .65574+000 .64532+000 .63501+000 .62483+000  
 2 .91363+000 .90867+000 .90363+000 .89850+000 .89330+000  
 3 .98577+000 .98455+000 .98328+000 .98194+000 .98055+000  
 4 .99840+000 .99821+000 .99801+000 .99780+000 .99757+000  
 5 .99987+000 .99985+000 .99983+000 .99981+000 .99978+000  
 6 .99999+000 .99999+000 .99999+000 .99999+000 .99998+000  
 7 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .41273+001 .42700+001 .44164+001 .45668+001 .47212+001

THETA= .40000+001 .41000+001 .42000+001 .43000+001 .44000+001  
 -I-----SUM-P(I)-----  
 0 .20493+000 .19832+000 .19196+000 .18585+000 .17998+000  
 1 .61479+000 .60487+000 .59509+000 .58544+000 .57592+000  
 2 .88803+000 .88268+000 .87728+000 .87181+000 .86629+000  
 3 .97911+000 .97760+000 .97604+000 .97443+000 .97275+000  
 4 .99732+000 .99706+000 .99676+000 .99649+000 .99617+000  
 5 .99975+000 .99972+000 .99969+000 .99965+000 .99961+000  
 6 .99998+000 .99998+000 .99998+000 .99997+000 .99997+000  
 7 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .48797+001 .50424+001 .52093+001 .53806+001 .55563+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 1

| THETA = | .45000+001 | .46000+001 | .47000+001 | .48000+001 | .49000+001 |
|---------|------------|------------|------------|------------|------------|
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .17432+000 | .16888+000 | .16364+000 | .15859+000 | .15373+000 |
| 1       | .56654+000 | .55730+000 | .54819+000 | .53921+000 | .53037+000 |
| 2       | .86071+000 | .85509+000 | .84942+000 | .84371+000 | .83796+000 |
| 3       | .97102+000 | .96924+000 | .96740+000 | .96551+000 | .96356+000 |
| 4       | .99584+000 | .99549+000 | .99513+000 | .99474+000 | .99433+000 |
| 5       | .99957+000 | .99952+000 | .99947+000 | .99942+000 | .99936+000 |
| 6       | .99997+000 | .99996+000 | .99996+000 | .99995+000 | .99995+000 |
| 7       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .57365+001 | .59214+001 | .61110+001 | .63055+001 | .65049+001 |
| THETA = | .50000+001 | .52000+001 | .54000+001 | .56000+001 | .58000+001 |
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .14905+000 | .14018+000 | .13194+000 | .12426+000 | .11711+000 |
| 1       | .52166+000 | .50465+000 | .48816+000 | .47219+000 | .45674+000 |
| 2       | .83218+000 | .82052+000 | .80877+000 | .79693+000 | .78504+000 |
| 3       | .96156+000 | .95740+000 | .95304+000 | .94848+000 | .94372+000 |
| 4       | .99391+000 | .99299+000 | .99199+000 | .99091+000 | .98974+000 |
| 5       | .99930+000 | .99916+000 | .99900+000 | .99883+000 | .99863+000 |
| 6       | .99994+000 | .99992+000 | .99991+000 | .99989+000 | .99986+000 |
| 7       | 1.00000    | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 8       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .67093+001 | .71337+001 | .75794+001 | .80475+001 | .85388+001 |
| THETA = | .60000+001 | .62000+001 | .64000+001 | .66000+001 | .68000+001 |
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .11044+000 | .10422+000 | .98407-001 | .92971-001 | .87885-001 |
| 1       | .44178+000 | .42730+000 | .41331+000 | .39978+000 | .38670+000 |
| 2       | .77311+000 | .76116+000 | .74920+000 | .73726+000 | .72535+000 |
| 3       | .93877+000 | .93365+000 | .92835+000 | .92288+000 | .91725+000 |
| 4       | .98847+000 | .98712+000 | .98567+000 | .98413+000 | .98250+000 |
| 5       | .99841+000 | .99817+000 | .99790+000 | .99761+000 | .99729+000 |
| 6       | .99983+000 | .99980+000 | .99977+000 | .99973+000 | .99968+000 |
| 7       | .99999+000 | .99998+000 | .99998+000 | .99998+000 | .99997+000 |
| 8       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .90544+001 | .95950+001 | .10162+002 | .10756+002 | .11378+002 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

| THETA = | .70000+001 | .72000+001 | .74000+001 | .76000+001 | .78000+001 |
|---------|------------|------------|------------|------------|------------|
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .83123-001 | .78660-001 | .74475-001 | .70548-001 | .66860-001 |
| 1       | .37405+000 | .36184+000 | .35003+000 | .33863+000 | .32761+000 |
| 2       | .71347+000 | .70165+000 | .68989+000 | .67820+000 | .66659+000 |
| 3       | .91147+000 | .90553+000 | .89946+000 | .89326+000 | .88693+000 |
| 4       | .98076+000 | .97893+000 | .97701+000 | .97498+000 | .97286+000 |
| 5       | .99693+000 | .99655+000 | .99613+000 | .99569+000 | .99520+000 |
| 6       | .99963+000 | .99957+000 | .99950+000 | .99943+000 | .99935+000 |
| 7       | .99996+000 | .99996+000 | .99995+000 | .99994+000 | .99993+000 |
| 8       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 9       |            |            |            |            | 1.00000    |
| H =     | .12030+002 | .12713+002 | .13427+002 | .14175+002 | .14957+002 |
| THETA = | .80000+001 | .82000+001 | .84000+001 | .86000+001 | .88000+001 |
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .63395-001 | .60137-001 | .57071-001 | .54186-001 | .51468-001 |
| 1       | .31697+000 | .30670+000 | .29677+000 | .28718+000 | .27793+000 |
| 2       | .65508+000 | .64366+000 | .63235+000 | .62115+000 | .61006+000 |
| 3       | .88048+000 | .87392+000 | .86725+000 | .86049+000 | .85363+000 |
| 4       | .97064+000 | .96833+000 | .96591+000 | .96341+000 | .96080+000 |
| 5       | .99469+000 | .99413+000 | .99354+000 | .99291+000 | .99224+000 |
| 6       | .99927+000 | .99917+000 | .99906+000 | .99895+000 | .99883+000 |
| 7       | .99992+000 | .99991+000 | .99989+000 | .99988+000 | .99986+000 |
| 8       | .99999+000 | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 9       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .15774+002 | .16629+002 | .17522+002 | .18455+002 | .19430+002 |
| THETA = | .90000+001 | .92000+001 | .94000+001 | .96000+001 | .98000+001 |
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .48906-001 | .46491-001 | .44212-001 | .42061-001 | .40029-001 |
| 1       | .26898+000 | .26035+000 | .25201+000 | .24395+000 | .23617+000 |
| 2       | .59910+000 | .58826+000 | .57756+000 | .56698+000 | .55654+000 |
| 3       | .84669+000 | .83967+000 | .83257+000 | .82540+000 | .81818+000 |
| 4       | .95810+000 | .95531+000 | .95242+000 | .94945+000 | .94638+000 |
| 5       | .99153+000 | .99077+000 | .98998+000 | .98914+000 | .98826+000 |
| 6       | .99869+000 | .99854+000 | .99838+000 | .99821+000 | .99803+000 |
| 7       | .99984+000 | .99982+000 | .99979+000 | .99977+000 | .99974+000 |
| 8       | .99998+000 | .99998+000 | .99998+000 | .99998+000 | .99997+000 |
| 9       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .20447+002 | .21510+002 | .22618+002 | .23775+002 | .24982+002 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

| THETA= | .10000+002 | .10200+002 | .10400+002 | .10600+002 | .10800+002 |
|--------|------------|------------|------------|------------|------------|
| -I-    |            |            | SUM-P(I)   |            |            |
| 0      | .38110-001 | .36295-001 | .34579-001 | .32955-001 | .31418-001 |
| 1      | .22866+000 | .22140+000 | .21439+000 | .20762+000 | .20108+000 |
| 2      | .54624+000 | .53608+000 | .52607+000 | .51619+000 | .50646+000 |
| 3      | .81090+000 | .80356+000 | .79618+000 | .78877+000 | .78131+000 |
| 4      | .94322+000 | .93998+000 | .93665+000 | .93323+000 | .92973+000 |
| 5      | .98733+000 | .98636+000 | .98534+000 | .98427+000 | .98316+000 |
| 6      | .99783+000 | .99762+000 | .99748+000 | .99716+000 | .99690+000 |
| 7      | .99971+000 | .99967+000 | .99964+000 | .99959+000 | .99955+000 |
| 8      | .99997+000 | .99996+000 | .99996+000 | .99995+000 | .99995+000 |
| 9      | 1.00000    | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 10     |            |            |            |            | 1.00000    |
| H =    | .26240+002 | .27552+002 | .28919+002 | .30344+002 | .31828+002 |
| THETA= | .11000+002 | .11200+002 | .11400+002 | .11600+002 | .11800+002 |
| -I-    |            |            | SUM-P(I)   |            |            |
| 0      | .29963-001 | .28584-001 | .27276-001 | .26037-001 | .24861-001 |
| 1      | .19476+000 | .18865+000 | .18275+000 | .17705+000 | .17154+000 |
| 2      | .49688+000 | .48745+000 | .47816+000 | .46901+000 | .46002+000 |
| 3      | .77383+000 | .76632+000 | .75879+000 | .75124+000 | .74368+000 |
| 4      | .92615+000 | .92249+000 | .91875+000 | .91494+000 | .91105+000 |
| 5      | .98200+000 | .98079+000 | .97954+000 | .97823+000 | .97688+000 |
| 6      | .99663+000 | .99634+000 | .99603+000 | .99571+000 | .99537+000 |
| 7      | .99950+000 | .99945+000 | .99939+000 | .99933+000 | .99927+000 |
| 8      | .99994+000 | .99993+000 | .99993+000 | .99992+000 | .99991+000 |
| 9      | .99999+000 | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 10     | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =    | .33375+002 | .34985+002 | .36662+002 | .38407+002 | .40223+002 |
| THETA= | .12000+002 | .12200+002 | .12400+002 | .12600+002 | .12800+002 |
| -I-    |            |            | SUM-P(I)   |            |            |
| 0      | .23746-001 | .22687-001 | .21681-001 | .20725-001 | .19817-001 |
| 1      | .16622+000 | .16107+000 | .15610+000 | .15130+000 | .14665+000 |
| 2      | .45117+000 | .44246+000 | .43391+000 | .42549+000 | .41722+000 |
| 3      | .73612+000 | .72854+000 | .72097+000 | .71340+000 | .70584+000 |
| 4      | .90708+000 | .90305+000 | .89895+000 | .89478+000 | .89055+000 |
| 5      | .97547+000 | .97402+000 | .97252+000 | .97096+000 | .96936+000 |
| 6      | .99501+000 | .99463+000 | .99423+000 | .99382+000 | .99338+000 |
| 7      | .99920+000 | .99912+000 | .99904+000 | .99896+000 | .99887+000 |
| 8      | .99990+000 | .99988+000 | .99987+000 | .99986+000 | .99984+000 |
| 9      | .99999+000 | .99999+000 | .99999+000 | .99998+000 | .99998+000 |
| 10     | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =    | .42113+002 | .44079+002 | .46124+002 | .48250+002 | .50461+002 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

THETA= .13000+002 .13200+002 .13400+002 .13600+002 .13800+002  
 -I-----SUM-P(I)-----  
 0 .18954-001 .18133-001 .17353-001 .16610-001 .159C2-001  
 1 .14216+000 .13781+000 .13362+000 .12955+000 .12563+000  
 2 .40910+000 .40111+000 .39327+000 .38556+000 .37800+000  
 3 .69828+000 .69074+000 .68321+000 .67571+000 .66822+000  
 4 .88625+000 .88190+000 .87748+000 .87301+000 .86848+000  
 5 .96771+000 .96600+000 .96425+000 .96245+000 .96059+000  
 6 .99292+000 .99244+000 .99193+000 .99141+000 .99086+000  
 7 .99877+000 .99867+000 .99856+000 .99844+000 .99832+000  
 8 .99983+000 .99981+000 .99979+000 .99977+000 .99975+000  
 9 .99998+000 .99998+000 .99998+000 .99997+000 .99997+000  
 10 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .52758+002 .55147+002 .57628+002 .60206+002 .62884+002

THETA= .14000+002 .14200+002 .14400+002 .14600+002 .14800+002  
 -I-----SUM-P(I)-----  
 0 .15229-001 .14587-001 .13976-001 .13394-001 .12838-001  
 1 .12183+000 .11815+000 .11460+000 .11117+000 .10784+000  
 2 .37057+000 .36327+000 .35611+000 .34908+000 .34218+000  
 3 .66076+000 .65333+000 .64592+000 .63855+000 .63120+000  
 4 .86390+000 .85926+000 .85458+000 .84985+000 .84508+000  
 5 .95869+000 .95574+000 .95474+000 .95269+000 .95059+000  
 6 .99029+000 .98970+000 .98908+000 .98844+000 .98777+000  
 7 .99819+000 .99805+000 .99791+000 .99776+000 .99760+000  
 8 .99973+000 .99970+000 .99968+000 .99965+000 .99962+000  
 9 .99997+000 .99996+000 .99996+000 .99995+000 .99995+000  
 10 1.00000 1.00000 1.00000 1.00000 1.00000  
 11 1.00000  
 H = .65665+002 .68553+002 .71551+002 .74663+002 .77892+002

THETA= .15000+002 .15500+002 .16000+002 .16500+002 .17000+002  
 -I-----SUM-P(I)-----  
 0 .12309-001 .11089-001 .10003-001 .90351-002 .81707-002  
 1 .10462+000 .97028-001 .90029-001 .83575-001 .77621-001  
 2 .33541+000 .31904+000 .30343+000 .28856+000 .27440+000  
 3 .62390+000 .60580+000 .58796+000 .57041+000 .55317+000  
 4 .84026+000 .82804+000 .81559+000 .80294+000 .79012+000  
 5 .94844+000 .94287+000 .93699+000 .93083+000 .92439+000  
 6 .98708+000 .98524+000 .98324+000 .99108+000 .97874+000  
 7 .99743+000 .99697+000 .99646+000 .99588+000 .99524+000  
 8 .99959+000 .99950+000 .99939+000 .99927+000 .99913+000  
 9 .99994+000 .99993+000 .99991+000 .99989+000 .99987+000  
 10 .99999+000 .99999+000 .99999+000 .99999+000 .99998+000  
 11 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .81243+002 .90180+002 .99968+002 .11068+003 .12239+003

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

| THETA | .17500+002   | .18000+002 | .18500+002 | .19000+002 | .19500+002 |
|-------|--------------|------------|------------|------------|------------|
| -I-   |              |            | SUM-P(I)   |            |            |
| 0     | .73976-002   | .67052-002 | .60843-002 | .55266-002 | .50252-002 |
| 1     | .72126-001   | .67052-001 | .62364-001 | .58029-001 | .54021-001 |
| 2     | .26092+000   | .24809+000 | .23589+000 | .22429+000 | .21326+000 |
| 3     | .53624+000   | .51965+000 | .50341+000 | .48753+000 | .47201+000 |
| 4     | .77715+000   | .76406+000 | .75087+000 | .73761+000 | .72430+000 |
| 5     | .91768+000   | .91070+000 | .90347+000 | .89500+000 | .88829+000 |
| 6     | .97623+000   | .97355+000 | .97069+000 | .96765+000 | .96443+000 |
| 7     | .99453+000   | .99375+000 | .99289+000 | .99196+000 | .99094+000 |
| 8     | .99898+000   | .99880+000 | .99860+000 | .99837+000 | .99812+000 |
| 9     | .99984+000   | .99981+000 | .99977+000 | .99973+000 | .99968+000 |
| 10    | .99998+000   | .99997+000 | .99997+000 | .99996+000 | .99995+000 |
| 11    | 1.00000      | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 12    |              |            |            |            | 1.00000    |
| H     | = .13518+003 | .14914+003 | .16436+003 | .18094+003 | .19900+003 |

| THETA | .20000+002   | .21000+002 | .22000+002 | .23000+002 | .24000+002 |
|-------|--------------|------------|------------|------------|------------|
| -I-   |              |            | SUM-P(I)   |            |            |
| 0     | .45738-002   | .37996-002 | .31679-002 | .26500-002 | .22239-002 |
| 1     | .50311-001   | .43696-001 | .38014-001 | .33126-001 | .28911-001 |
| 2     | .20277+000   | .18333+000 | .16573+000 | .14995+000 | .13566+000 |
| 3     | .45687+000   | .42770+000 | .40003+000 | .37386+000 | .34916+000 |
| 4     | .71097+000   | .68428+000 | .65770+000 | .63136+000 | .60536+000 |
| 5     | .88036+000   | .86389+000 | .84666+000 | .82877+000 | .81031+000 |
| 6     | .96103+000   | .95369+000 | .94564+000 | .93688+000 | .92743+000 |
| 7     | .98984+000   | .98737+000 | .98452+000 | .98128+000 | .97763+000 |
| 8     | .99784+000   | .99719+000 | .99640+000 | .99546+000 | .99436+000 |
| 9     | .99962+000   | .99948+000 | .99931+000 | .99909+000 | .99882+000 |
| 10    | .99994+000   | .99992+000 | .99989+000 | .99985+000 | .99979+000 |
| 11    | .99999+000   | .99999+000 | .99998+000 | .99998+000 | .99997+000 |
| 12    | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H     | = .21864+003 | .26318+003 | .31567+003 | .37735+003 | .44965+003 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

| THETA = | .25000+002 | .30000+002 | .35000+002 | .40000+002 | .45000+002 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .18720-002 | .82337-003 | .38319-003 | .18670-003 | .94508-004 |
| 1       | .25272-001 | .13174-001 | .70889-002 | .39206-002 | .22209-002 |
| 2       | .12277+000 | .74927-001 | .46206-001 | .28813-001 | .18169-001 |
| 3       | .32589+000 | .22931+000 | .16030+000 | .11179+000 | .77975-001 |
| 4       | .57979+000 | .46088+000 | .35996+000 | .27774+000 | .21254+000 |
| 5       | .79138+000 | .69246+000 | .59289+000 | .49901+000 | .41438+000 |
| 6       | .91732+000 | .85786+000 | .78700+000 | .70974+000 | .63064+000 |
| 7       | .97355+000 | .94648+000 | .90832+000 | .86027+000 | .80442+000 |
| 8       | .99307+000 | .98340+000 | .96730+000 | .94389+000 | .91304+000 |
| 9       | .99849+000 | .99571+000 | .99023+000 | .98106+000 | .96734+000 |
| 10      | .99972+000 | .99905+000 | .99753+000 | .99457+000 | .98956+000 |
| 11      | .99996+000 | .99983+000 | .99947+000 | .99867+000 | .99713+000 |
| 12      | .99999+000 | .99997+000 | .99990+000 | .99972+000 | .99932+000 |
| 13      | 1.00000    | 1.00000    | .99998+000 | .99995+000 | .99986+000 |
| 14      |            |            | 1.00000    | .99999+000 | .99997+000 |
| 15      |            |            |            | 1.00000    | 1.00000    |
| H =     | .53420+003 | .12145+004 | .26097+004 | .53563+004 | .10581+005 |

| THETA = | .50000+002 | .55000+002 | .60000+002 | .65000+002 | .70000+002 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .49423-004 | .26584-004 | .14656-004 | .82591-005 | .47460-005 |
| 1       | .12850-002 | .75765-003 | .45435-003 | .27668-003 | .17086-003 |
| 2       | .11582-001 | .74591-002 | .48513-002 | .31846-002 | .21088-002 |
| 3       | .54484-001 | .38174-001 | .26836-001 | .18936-001 | .13414-001 |
| 4       | .16174+000 | .12264+000 | .92790-001 | .70127-001 | .52981-001 |
| 5       | .34050+000 | .27749+000 | .22470+000 | .18104+000 | .14530+000 |
| 6       | .55331+000 | .48028+000 | .41314+000 | .35269+000 | .29917+000 |
| 7       | .74331+000 | .67944+000 | .61504+000 | .55193+000 | .49151+000 |
| 8       | .87526+000 | .83158+000 | .78329+000 | .73180+000 | .67851+000 |
| 9       | .94857+000 | .92456+000 | .89546+000 | .86171+000 | .82395+000 |
| 10      | .98189+000 | .97104+000 | .95664+000 | .93847+000 | .91650+000 |
| 11      | .99451+000 | .99041+000 | .98445+000 | .97627+000 | .96559+000 |
| 12      | .99856+000 | .99724+000 | .99515+000 | .99202+000 | .98761+000 |
| 13      | .99967+000 | .99931+000 | .99867+000 | .99765+000 | .99608+000 |
| 14      | .99993+000 | .99985+000 | .99968+000 | .99939+000 | .99890+000 |
| 15      | .99999+000 | .99997+000 | .99993+000 | .99986+000 | .99973+000 |
| 16      | 1.00000    | .99999+000 | .99999+000 | .99997+000 | .99994+000 |
| 17      |            | 1.00000    | 1.00000    | .99999+000 | .99999+000 |
| 18      |            |            |            | 1.00000    | 1.00000    |
| H =     | .20233+005 | .37616+005 | .68229+005 | .12108+006 | .21070+006 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 1$

| THETA = | .75000+002 | .80000+002 | .85000+002 | .90000+002 | .95000+002 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | SUM-I(I)   |            |            |
| 0       | .27758-005 | .16497-005 | .99425-006 | .60806-006 | .37629-006 |
| 1       | .10687-003 | .67637-004 | .43276-004 | .27971-004 | .18250-004 |
| 2       | .14080-002 | .94746-003 | .64226-003 | .43841-003 | .30125-003 |
| 3       | .95403-002 | .68130-002 | .48851-002 | .35167-002 | .25417-002 |
| 4       | .40036-001 | .30275-001 | .22917-001 | .17369-001 | .13184-001 |
| 5       | .11628+000 | .92841-001 | .74007-001 | .58927-001 | .46883-001 |
| 6       | .25242+000 | .21201+000 | .17740+000 | .14798+000 | .12311+000 |
| 7       | .43475+000 | .38226+000 | .33435+000 | .29110+000 | .25242+000 |
| 8       | .62468+000 | .57142+000 | .51963+000 | .46999+000 | .42304+000 |
| 9       | .78296+000 | .73957+000 | .69461+000 | .64889+000 | .60313+000 |
| 10      | .89087+000 | .86185+000 | .82983+000 | .79526+000 | .75867+000 |
| 11      | .95219+000 | .93597+000 | .91690+000 | .89506+000 | .87061+000 |
| 12      | .98167+000 | .97397+000 | .96434+000 | .95264+000 | .93878+000 |
| 13      | .99382+000 | .99068+000 | .98650+000 | .98111+000 | .97436+000 |
| 14      | .99815+000 | .99704+000 | .99547+000 | .99331+000 | .99046+000 |
| 15      | .99951+000 | .99916+000 | .99864+000 | .99789+000 | .99683+000 |
| 16      | .99988+000 | .99979+000 | .99964+000 | .99940+000 | .99906+000 |
| 17      | .99998+000 | .99995+000 | .99991+000 | .99985+000 | .99975+000 |
| 18      | 1.00000    | .99999+000 | .99998+000 | .99996+000 | .99994+000 |
| 19      |            | 1.00000    | 1.00000    | .99999+000 | .99999+000 |
| 20      |            |            |            | 1.00000    | 1.00000    |
| H =     | .36026+006 | .60618+006 | .10052+007 | .16446+007 | .26575+007 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1

THETA = .10000+003

| -I- | SUM-P(I)     |  |
|-----|--------------|--|
| 0   | .23594-006   |  |
| 1   | .12013-004   |  |
| 2   | .20830-003   |  |
| 3   | .18440-002   |  |
| 4   | .10023-001   |  |
| 5   | .37285-001   |  |
| 6   | .10219+000   |  |
| 7   | .21810+000   |  |
| 8   | .37909+000   |  |
| 9   | .55796+000   |  |
| 10  | .72058+000   |  |
| 11  | .84377+000   |  |
| 12  | .92273+000   |  |
| 13  | .96612+000   |  |
| 14  | .98679+000   |  |
| 15  | .99539+000   |  |
| 16  | .99856+000   |  |
| 17  | .99959+000   |  |
| 18  | .99990+000   |  |
| 19  | .99998+000   |  |
| 20  | .99999+000   |  |
| 21  | 1.00000      |  |
| H   | = .42455+007 |  |

U2 = 2

| THETA = | .00000+000   | .10000-001 | .20000-001 | .30000-001 | .40000-001 |
|---------|--------------|------------|------------|------------|------------|
| -I-     | SUM-P(I)     |            |            |            |            |
| 0       | 1.00000      | .99667+000 | .99336+000 | .99006+000 | .98678+000 |
| 1       |              | 1.00000    | .99998+000 | .99996+000 | .99993+000 |
| 2       |              |            | 1.00000    | 1.00000    | 1.00000    |
| H       | = .50000+000 | .50167+000 | .50334+000 | .50502+000 | .50670+000 |

| THETA = | .50000-001   | .60000-001 | .70000-001 | .80000-001 | .90000-001 |
|---------|--------------|------------|------------|------------|------------|
| -I-     | SUM-P(I)     |            |            |            |            |
| 0       | .98351+000   | .98025+000 | .97700+000 | .97377+000 | .97055+000 |
| 1       | .99990+000   | .99985+000 | .99980+000 | .99974+000 | .99967+000 |
| 2       | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H       | = .50839+000 | .51008+000 | .51177+000 | .51347+000 | .51517+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

$U_2 = 2$

| THETA = | .10000+000 | .11000+000 | .12000+000 | .13000+000 | .14000+000 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .96735+000 | .96416+000 | .96098+000 | .95781+000 | .95466+000 |
| 1       | .94959+000 | .99951+000 | .99942+000 | .99932+000 | .99921+000 |
| 2       | 1.00000    | 1.00000    | 1.00000    | .99999+000 | .99999+000 |
| 3       |            |            |            | 1.00000    | 1.00000    |
| H =     | .51688+000 | .51859+000 | .52030+000 | .52202+000 | .52375+000 |
| THETA = | .15000+000 | .16000+000 | .17000+000 | .18000+000 | .19000+000 |
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .95152+000 | .94840+000 | .94528+000 | .94218+000 | .93909+000 |
| 1       | .93910+000 | .99898+000 | .99885+000 | .99871+000 | .99857+000 |
| 2       | .99999+000 | .99999+000 | .99999+000 | .99998+000 | .99998+000 |
| 3       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .52547+000 | .52721+000 | .52894+000 | .53068+000 | .53243+000 |
| THETA = | .20000+000 | .21000+000 | .22000+000 | .23000+000 | .24000+000 |
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .93602+000 | .93295+000 | .92990+000 | .92687+000 | .92384+000 |
| 1       | .99842+000 | .99826+000 | .99810+000 | .99793+000 | .99775+000 |
| 2       | .99998+000 | .99998+000 | .99997+000 | .99997+000 | .99996+000 |
| 3       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .53418+000 | .53593+000 | .53769+000 | .53945+000 | .54122+000 |
| THETA = | .25000+000 | .26000+000 | .27000+000 | .28000+000 | .29000+000 |
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .92083+000 | .91782+000 | .91484+000 | .91186+000 | .90889+000 |
| 1       | .99756+000 | .99737+000 | .99717+000 | .99697+000 | .99675+000 |
| 2       | .99996+000 | .99995+000 | .99995+000 | .99994+000 | .99994+000 |
| 3       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .54299+000 | .54477+000 | .54655+000 | .54833+000 | .55012+000 |
| THETA = | .30000+000 | .31000+000 | .32000+000 | .33000+000 | .34000+000 |
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .90594+000 | .90300+000 | .90007+000 | .89715+000 | .89425+000 |
| 1       | .99653+000 | .99631+000 | .99608+000 | .99584+000 | .99559+000 |
| 2       | .99993+000 | .99992+000 | .99992+000 | .99991+000 | .99990+000 |
| 3       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .55191+000 | .55371+000 | .55551+000 | .55732+000 | .55913+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 2

| THETA = .35000+000 |              | .36000+000 | .37000+000 | .38000+000 | .39000+000 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .89135+000   | .88847+000 | .88560+000 | .88274+000 | .87989+000 |
| 1                  | .99534+000   | .99509+000 | .99482+000 | .99455+000 | .99428+000 |
| 2                  | .99989+000   | .99988+000 | .99987+000 | .99986+000 | .99985+000 |
| 3                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .56095+000 | .56277+000 | .56459+000 | .56642+000 | .56825+000 |
| THETA = .40000+000 |              | .41000+000 | .42000+000 | .43000+000 | .44000+000 |
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .87705+000   | .87423+000 | .87141+000 | .86861+000 | .86582+000 |
| 1                  | .99399+000   | .99371+000 | .99341+000 | .99311+000 | .99281+000 |
| 2                  | .99984+000   | .99983+000 | .99982+000 | .99980+000 | .99979+000 |
| 3                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .57009+000 | .57193+000 | .57378+000 | .57563+000 | .57749+000 |
| THETA = .45000+000 |              | .46000+000 | .47000+000 | .48000+000 | .49000+000 |
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .86304+000   | .86027+000 | .85751+000 | .85476+000 | .85203+000 |
| 1                  | .99250+000   | .99218+000 | .99186+000 | .99153+000 | .99119+000 |
| 2                  | .99978+000   | .99976+000 | .99975+000 | .99973+000 | .99972+000 |
| 3                  | 1.00000      | 1.00000    | 1.00000    | .99999+000 | .99999+000 |
| 4                  |              |            |            | 1.00000    | 1.00000    |
| H                  | = .57935+000 | .58121+000 | .58308+000 | .58496+000 | .58684+000 |
| THETA = .50000+000 |              | .60000+000 | .70000+000 | .80000+000 | .90000+000 |
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .84930+000   | .82263+000 | .79698+000 | .77232+000 | .74859+000 |
| 1                  | .99085+000   | .98715+000 | .98295+000 | .97827+000 | .97316+000 |
| 2                  | .99970+000   | .99949+000 | .99922+000 | .99886+000 | .99843+000 |
| 3                  | .99999+000   | .99999+000 | .99998+000 | .99996+000 | .99994+000 |
| 4                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .58872+000 | .60781+000 | .62737+000 | .64740+000 | .66793+000 |
| THETA = .10000+001 |              | .11000+001 | .12000+001 | .13000+001 | .14000+001 |
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .72574+000   | .70375+000 | .68257+000 | .66217+000 | .64250+000 |
| 1                  | .96766+000   | .96179+000 | .95560+000 | .94910+000 | .94233+000 |
| 2                  | .99790+000   | .99727+000 | .99655+000 | .99573+000 | .99481+000 |
| 3                  | .99991+000   | .99988+000 | .99983+000 | .99977+000 | .99970+000 |
| 4                  | 1.00000      | 1.00000    | .99999+000 | .99999+000 | .99999+000 |
| 5                  |              |            | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .68891+000 | .71048+000 | .73252+000 | .75510+000 | .77821+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 2

| THETA = .15000+001 |              | .16000+001 | .17000+001 | .18000+001 | .19000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .62354+000   | .60526+000 | .50763+000 | .57062+000 | .55420+000 |
| 1                  | .93532+000   | .92807+000 | .92062+000 | .91239+000 | .90520+000 |
| 2                  | .99377+000   | .99263+000 | .99138+000 | .99003+000 | .98856+000 |
| 3                  | .99962+000   | .99952+000 | .99940+000 | .99927+000 | .99912+000 |
| 4                  | .99998+000   | .99998+000 | .99997+000 | .99996+000 | .99995+000 |
| 5                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .80187+000 | .82609+000 | .85087+000 | .87624+000 | .90220+000 |

| THETA = .20000+001 |              | .21000+001 | .22000+001 | .23000+001 | .24000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .53835+000   | .52305+000 | .50827+000 | .49399+000 | .48019+000 |
| 1                  | .89725+000   | .88918+000 | .88100+000 | .87271+000 | .86434+000 |
| 2                  | .98698+000   | .98529+000 | .98350+000 | .98159+000 | .97958+000 |
| 3                  | .99894+000   | .99875+000 | .99853+000 | .99829+000 | .99802+000 |
| 4                  | .99994+000   | .99993+000 | .99991+000 | .99989+000 | .99987+000 |
| 5                  | 1.00000      | 1.00000    | 1.00000    | .99999+000 | .99999+000 |
| 6                  |              |            |            | 1.00000    | 1.00000    |
| H                  | = .92876+000 | .95593+000 | .98373+000 | .10122+001 | .10413+001 |

| THETA = .25000+001 |              | .26000+001 | .27000+001 | .28000+001 | .29000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .46685+000   | .45396+000 | .44149+000 | .42942+000 | .41776+000 |
| 1                  | .85589+000   | .84738+000 | .83862+000 | .83022+000 | .82159+000 |
| 2                  | .97747+000   | .97525+000 | .97292+000 | .97050+000 | .96798+000 |
| 3                  | .99773+000   | .99741+000 | .99706+000 | .99669+000 | .99628+000 |
| 4                  | .99984+000   | .99981+000 | .99978+000 | .99974+000 | .99970+000 |
| 5                  | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99998+000 |
| 6                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .10710+001 | .11014+001 | .11325+001 | .11643+001 | .11969+001 |

| THETA = .30000+001 |              | .31000+001 | .32000+001 | .33000+001 | .34000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .40647+000   | .39554+000 | .38496+000 | .37472+000 | .36480+000 |
| 1                  | .81293+000   | .80426+000 | .79558+000 | .78690+000 | .77823+000 |
| 2                  | .96536+000   | .96264+000 | .95983+000 | .95693+000 | .95394+000 |
| 3                  | .99584+000   | .99537+000 | .99487+000 | .99434+000 | .99377+000 |
| 4                  | .99965+000   | .99960+000 | .99954+000 | .99948+000 | .99941+000 |
| 5                  | .99998+000   | .99997+000 | .99997+000 | .99996+000 | .99996+000 |
| 6                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .12301+001 | .12641+001 | .12988+001 | .13343+001 | .13706+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2

| THETA = | .35000+001 | .36000+001 | .37000+001 | .38000+001 | .39000+001 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .35519+000 | .34588+000 | .33686+000 | .32811+000 | .31964+000 |
| 1       | .76957+000 | .76093+000 | .75231+000 | .74372+000 | .73517+000 |
| 2       | .95086+000 | .94770+000 | .94446+000 | .94114+000 | .93774+000 |
| 3       | .99317+000 | .99253+000 | .99186+000 | .99115+000 | .99041+000 |
| 4       | .99934+000 | .99925+000 | .99916+000 | .99907+000 | .99896+000 |
| 5       | .99995+000 | .99995+000 | .99994+000 | .99993+000 | .99992+000 |
| 6       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 7       |            |            |            |            | 1.00000    |
| H =     | .14077+001 | .14456+001 | .14843+001 | .15239+001 | .15643+001 |

| THETA = | .40000+001 | .41000+001 | .42000+001 | .43000+001 | .44000+001 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .31142+000 | .30345+000 | .29572+000 | .28823+000 | .28095+000 |
| 1       | .72665+000 | .71817+000 | .70974+000 | .70135+000 | .69301+000 |
| 2       | .93426+000 | .93071+000 | .92709+000 | .92340+000 | .91965+000 |
| 3       | .98962+000 | .98881+000 | .98795+000 | .98706+000 | .98613+000 |
| 4       | .99885+000 | .99873+000 | .99860+000 | .99846+000 | .99832+000 |
| 5       | .99991+000 | .99989+000 | .99988+000 | .99987+000 | .99985+000 |
| 6       | .99999+000 | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 7       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .16055+001 | .16477+001 | .16908+001 | .17348+001 | .17797+001 |

| THETA = | .45000+001 | .46000+001 | .47000+001 | .48000+001 | .49000+001 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .27389+000 | .26704+000 | .26039+000 | .25394+000 | .24767+000 |
| 1       | .68473+000 | .67651+000 | .66834+000 | .66024+000 | .65219+000 |
| 2       | .91583+000 | .91195+000 | .90801+000 | .90402+000 | .89997+000 |
| 3       | .98516+000 | .98415+000 | .98311+000 | .98203+000 | .98091+000 |
| 4       | .99816+000 | .99799+000 | .99782+000 | .99763+000 | .99743+000 |
| 5       | .99983+000 | .99981+000 | .99979+000 | .99977+000 | .99974+000 |
| 6       | .99999+000 | .99999+000 | .99998+000 | .99998+000 | .99998+000 |
| 7       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .18255+001 | .18724+001 | .19202+001 | .19690+001 | .20188+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2

| THE TAU = | .50000+001 | .52000+001 | .54000+001 | .56000+001 | .58000+001 |
|-----------|------------|------------|------------|------------|------------|
| -I-       | SUM-P(I)   |            |            |            |            |
| 0         | .24158+000 | .22992+000 | .21892+000 | .20853+000 | .19871+000 |
| 1         | .64422+000 | .62846+000 | .61298+000 | .59778+000 | .58287+000 |
| 2         | .89586+000 | .88751+000 | .87897+000 | .87026+000 | .86139+000 |
| 3         | .97975+000 | .97731+000 | .97472+000 | .97198+000 | .96909+000 |
| 4         | .99722+000 | .99677+000 | .99627+000 | .99572+000 | .99511+000 |
| 5         | .99972+000 | .99966+000 | .99959+000 | .99951+000 | .99943+000 |
| 6         | .99998+000 | .99997+000 | .99997+000 | .99996+000 | .99995+000 |
| 7         | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =       | .20697+001 | .21746+001 | .22839+001 | .23978+001 | .25163+001 |

| THE TAU = | .60000+001 | .62000+001 | .64000+001 | .66000+001 | .68000+001 |
|-----------|------------|------------|------------|------------|------------|
| -I-       | SUM-P(I)   |            |            |            |            |
| 0         | .18942+000 | .18064+000 | .17232+000 | .16445+000 | .15699+000 |
| 1         | .56826+000 | .55395+000 | .53994+000 | .52623+000 | .51283+000 |
| 2         | .85239+000 | .84327+000 | .83403+000 | .82470+000 | .81529+000 |
| 3         | .96604+000 | .96285+000 | .95951+000 | .95603+000 | .95241+000 |
| 4         | .99446+000 | .99375+000 | .99298+000 | .99215+000 | .99126+000 |
| 5         | .99933+000 | .99922+000 | .99909+000 | .99896+000 | .99880+000 |
| 6         | .99994+000 | .99992+000 | .99991+000 | .99989+000 | .99987+000 |
| 7         | 1.00000    | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 8         |            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =       | .26396+001 | .27680+001 | .29016+001 | .30405+001 | .31850+001 |

| THE TAU = | .70000+001 | .72000+001 | .74000+001 | .76000+001 | .78000+001 |
|-----------|------------|------------|------------|------------|------------|
| -I-       | SUM-P(I)   |            |            |            |            |
| 0         | .14992+000 | .14321+000 | .13685+000 | .13081+000 | .12508+000 |
| 1         | .49972+000 | .48692+000 | .47442+000 | .46221+000 | .45030+000 |
| 2         | .80581+000 | .79626+000 | .78667+000 | .77704+000 | .76738+000 |
| 3         | .94864+000 | .94474+000 | .94071+000 | .93655+000 | .93226+000 |
| 4         | .99030+000 | .98929+000 | .98821+000 | .98706+000 | .98585+000 |
| 5         | .99864+000 | .99845+000 | .99825+000 | .99803+000 | .99779+000 |
| 6         | .99985+000 | .99983+000 | .99980+000 | .99977+000 | .99973+000 |
| 7         | .99999+000 | .99998+000 | .99998+000 | .99998+000 | .99997+000 |
| 8         | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =       | .33352+001 | .34913+001 | .36536+001 | .38222+001 | .39974+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2

| THETA = | .80000+001 | .82000+001 | .84000+001 | .86000+001 | .88000+001 |
|---------|------------|------------|------------|------------|------------|
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .11964+000 | .11446+000 | .10954+000 | .10487+000 | .10042+000 |
| 1       | .43867+000 | .42733+000 | .41627+000 | .40548+000 | .39497+000 |
| 2       | .75770+000 | .74802+000 | .73833+000 | .72865+000 | .71896+000 |
| 3       | .92785+000 | .92333+000 | .91868+000 | .91393+000 | .90906+000 |
| 4       | .98457+000 | .98322+000 | .98181+000 | .98032+000 | .97876+000 |
| 5       | .99754+000 | .99726+000 | .99695+000 | .99663+000 | .99628+000 |
| 6       | .99970+000 | .99965+000 | .99961+000 | .99955+000 | .99950+000 |
| 7       | .99997+000 | .99997+000 | .99996+000 | .99995+000 | .99995+000 |
| 8       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .41793+001 | .43682+001 | .45644+001 | .47680+001 | .49793+001 |

| THETA = | .90000+001 | .92000+001 | .94000+001 | .96000+001 | .98000+001 |
|---------|------------|------------|------------|------------|------------|
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .96180-001 | .92148-001 | .88308-001 | .84649-001 | .81162-001 |
| 1       | .38472+000 | .37474+000 | .36500+000 | .35553+000 | .34629+000 |
| 2       | .70933+000 | .69971+000 | .69012+000 | .68058+000 | .67107+000 |
| 3       | .90410+000 | .89903+000 | .89387+000 | .88861+000 | .88327+000 |
| 4       | .97713+000 | .97543+000 | .97366+000 | .97182+000 | .96991+000 |
| 5       | .99591+000 | .99552+000 | .99510+000 | .99465+000 | .99417+000 |
| 6       | .99943+000 | .99937+000 | .99929+000 | .99921+000 | .99912+000 |
| 7       | .99994+000 | .99993+000 | .99992+000 | .99991+000 | .99990+000 |
| 8       | .99999+000 | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 9       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .51986+001 | .54261+001 | .56620+001 | .59068+001 | .61605+001 |

| THETA = | .10000+002 | .10200+002 | .10400+002 | .10600+002 | .10800+002 |
|---------|------------|------------|------------|------------|------------|
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .77838-001 | .74668-001 | .71644-001 | .68758-001 | .66004-001 |
| 1       | .33730+000 | .32854+000 | .32001+000 | .31170+000 | .30362+000 |
| 2       | .66162+000 | .65222+000 | .64288+000 | .63361+000 | .62440+000 |
| 3       | .87784+000 | .87233+000 | .86674+000 | .86109+000 | .85536+000 |
| 4       | .96793+000 | .96587+000 | .96375+000 | .96155+000 | .95929+000 |
| 5       | .99367+000 | .99314+000 | .99257+000 | .99198+000 | .99136+000 |
| 6       | .99903+000 | .99893+000 | .99882+000 | .99870+000 | .99856+000 |
| 7       | .99988+000 | .99987+000 | .99985+000 | .99983+000 | .99981+000 |
| 8       | .99999+000 | .99999+000 | .99998+000 | .99998+000 | .99998+000 |
| 9       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .64236+001 | .66963+001 | .69790+001 | .72719+001 | .75753+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSSEL DISTRIBUTION

U2 = 2

| THETA | .11000+002   | .11200+002 | .11400+002 | .11600+002 | .11800+002 |
|-------|--------------|------------|------------|------------|------------|
| -I-   | SUM-P(I)     |            |            |            |            |
| 0     | .63374-001   | .60862-001 | .58463-001 | .56170-001 | .53978-001 |
| 1     | .29575+000   | .28808+000 | .28062+000 | .27336+000 | .26629+000 |
| 2     | .61526+000   | .60619+000 | .59720+000 | .58828+000 | .57945+000 |
| 3     | .84956+000   | .84371+000 | .83779+000 | .83183+000 | .82581+000 |
| 4     | .95695+000   | .95455+000 | .95208+000 | .94954+000 | .94693+000 |
| 5     | .99071+000   | .99002+000 | .98930+000 | .98855+000 | .98777+000 |
| 6     | .99844+000   | .99830+000 | .99814+000 | .99798+000 | .99781+000 |
| 7     | .99979+000   | .99977+000 | .99974+000 | .99972+000 | .99969+000 |
| 8     | .99998+000   | .99997+000 | .99997+000 | .99997+000 | .99996+000 |
| 9     | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H     | = .78897+001 | .82153+001 | .85525+001 | .89016+001 | .92630+001 |

| THETA | .12000+002   | .12200+002 | .12400+002 | .12600+002 | .12800+002 |
|-------|--------------|------------|------------|------------|------------|
| -I-   | SUM-P(I)     |            |            |            |            |
| 0     | .51882-001   | .49878-001 | .47961-001 | .46126-001 | .44370-001 |
| 1     | .25941+000   | .25272+000 | .24620+000 | .23986+000 | .23368+000 |
| 2     | .57070+000   | .56204+000 | .55347+000 | .54498+000 | .53656+000 |
| 3     | .81974+000   | .81363+000 | .80747+000 | .80128+000 | .79506+000 |
| 4     | .94426+000   | .94152+000 | .93871+000 | .93584+000 | .93291+000 |
| 5     | .98695+000   | .98610+000 | .98521+000 | .98428+000 | .98332+000 |
| 6     | .99762+000   | .99743+000 | .99722+000 | .99700+000 | .99677+000 |
| 7     | .99965+000   | .99962+000 | .99958+000 | .99954+000 | .99950+000 |
| 8     | .99996+000   | .99995+000 | .99995+000 | .99994+000 | .99994+000 |
| 9     | 1.00000      | 1.00000    | .99999+000 | .99999+000 | .99999+000 |
| 10    |              |            | 1.00000    | 1.00000    | 1.00000    |
| H     | = .96372+001 | .10024+002 | .10425+002 | .10840+002 | .11269+002 |

| THETA | .13000+002   | .13200+002 | .13400+002 | .13600+002 | .13800+002 |
|-------|--------------|------------|------------|------------|------------|
| -I-   | SUM-P(I)     |            |            |            |            |
| 0     | .42689-001   | .41079-001 | .39538-001 | .38061-001 | .36645-001 |
| 1     | .22767+000   | .22183+000 | .21614+000 | .21060+000 | .20521+000 |
| 2     | .52828+000   | .52006+000 | .51195+000 | .50392+000 | .49599+000 |
| 3     | .78880+000   | .78251+000 | .77620+000 | .76986+000 | .76351+000 |
| 4     | .92991+000   | .92686+000 | .92374+000 | .92057+000 | .91733+000 |
| 5     | .98233+000   | .98130+000 | .98023+000 | .97912+000 | .97798+000 |
| 6     | .99652+000   | .99627+000 | .99600+000 | .99572+000 | .99542+000 |
| 7     | .99945+000   | .99941+000 | .99935+000 | .99930+000 | .99924+000 |
| 8     | .99993+000   | .99992+000 | .99991+000 | .99991+000 | .99990+000 |
| 9     | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 10    | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H     | = .11713+002 | .12172+002 | .12646+002 | .13137+002 | .13644+002 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2

| THETA | .14000+002   | .14200+002 | .14400+002 | .14600+002 | .14800+002 |
|-------|--------------|------------|------------|------------|------------|
| -I-   | SUM-P(I)     |            |            |            |            |
| 0     | .35289-001   | .33988-001 | .32741-001 | .31545-001 | .30398-001 |
| 1     | .19997+000   | .19487+000 | .18990+000 | .18506+000 | .18036+000 |
| 2     | .48816+000   | .48042+000 | .47278+000 | .46524+000 | .45779+000 |
| 3     | .75714+000   | .75075+000 | .74435+000 | .73794+000 | .73152+000 |
| 4     | .91404+000   | .91069+000 | .90729+000 | .90383+000 | .90032+000 |
| 5     | .97680+000   | .97558+000 | .97433+000 | .97303+000 | .97170+000 |
| 6     | .99511+000   | .99478+000 | .99444+000 | .99408+000 | .99371+000 |
| 7     | .99917+000   | .99911+000 | .99904+000 | .99896+000 | .99888+000 |
| 8     | .99989+000   | .99988+000 | .99986+000 | .99985+000 | .99984+000 |
| 9     | .99999+000   | .99999+000 | .99998+000 | .99998+000 | .99998+000 |
| 10    | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H     | = .14169+002 | .14711+002 | .15271+002 | .15850+002 | .16449+002 |

| THETA | .15000+002   | .15500+002 | .16000+002 | .16500+002 | .17000+002 |
|-------|--------------|------------|------------|------------|------------|
| -I-   | SUM-P(I)     |            |            |            |            |
| 0     | .29297-001   | .26735-001 | .24420-001 | .22327-001 | .20432-001 |
| 1     | .17578+000   | .16486+000 | .15466+000 | .14513+000 | .13521+000 |
| 2     | .45044+000   | .43249+000 | .41515+000 | .39840+000 | .38224+000 |
| 3     | .72510+000   | .70904+000 | .69299+000 | .67700+000 | .66108+000 |
| 4     | .89576+000   | .88764+000 | .87823+000 | .86854+000 | .85859+000 |
| 5     | .97033+000   | .96674+000 | .96291+000 | .95863+000 | .95452+000 |
| 6     | .99332+000   | .99228+000 | .99113+000 | .98987+000 | .98850+000 |
| 7     | .99880+000   | .99856+000 | .99830+000 | .99800+000 | .99766+000 |
| 8     | .99982+000   | .99978+000 | .99973+000 | .99968+000 | .99961+000 |
| 9     | .99998+000   | .99997+000 | .99997+000 | .99996+000 | .99995+000 |
| 10    | 1.00000      | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 11    |              |            |            |            | 1.00000    |
| H     | = .17067+002 | .18702+002 | .20475+002 | .22394+002 | .24472+002 |

| THETA | .17500+002   | .18000+002 | .18500+002 | .19000+002 | .19500+002 |
|-------|--------------|------------|------------|------------|------------|
| -I-   | SUM-P(I)     |            |            |            |            |
| 0     | .18714-001   | .17156-001 | .15738-001 | .14450-001 | .13278-001 |
| 1     | .12788+000   | .12078+000 | .11279+000 | .10597+000 | .99586-001 |
| 2     | .36657+000   | .35177+000 | .33722+000 | .32332+000 | .30996+000 |
| 3     | .54526+000   | .62957+000 | .61402+000 | .59864+000 | .58345+000 |
| 4     | .84840+000   | .83799+000 | .82739+000 | .81660+000 | .80565+000 |
| 5     | .94997+000   | .94518+000 | .94017+000 | .93492+000 | .92946+000 |
| 6     | .98700+000   | .98538+000 | .98364+000 | .98176+000 | .97975+000 |
| 7     | .99729+000   | .99687+000 | .99640+000 | .99588+000 | .99532+000 |
| 8     | .99954+000   | .99945+000 | .99935+000 | .99924+000 | .99911+000 |
| 9     | .99993+000   | .99992+000 | .99990+000 | .99988+000 | .99986+000 |
| 10    | .99999+000   | .99993+000 | .99999+000 | .99998+000 | .99998+000 |
| 11    | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H     | = .26719+002 | .29147+002 | .31770+002 | .34601+002 | .37556+002 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 2

| THETA | .20000+002   | .21000+002 | .22000+002 | .23000+002 | .24000+002 |
|-------|--------------|------------|------------|------------|------------|
| -I-   | SUM-P(I)     |            |            |            |            |
| 0     | .12210-001   | .10347-001 | .87932-002 | .74920-002 | .63992-002 |
| 1     | .93611-001   | .82779-001 | .73276-001 | .64930-001 | .57593-001 |
| 2     | .29711+000   | .27291+000 | .25061+000 | .23007+000 | .21117+000 |
| 3     | .56845+000   | .53910+000 | .51069+000 | .48327+000 | .45690+000 |
| 4     | .79456+000   | .77202+000 | .74910+000 | .72593+000 | .70263+000 |
| 5     | .92377+000   | .91176+000 | .89895+000 | .88539+000 | .87113+000 |
| 6     | .97761+000   | .97290+000 | .96764+000 | .96180+000 | .95538+000 |
| 7     | .99470+000   | .99328+000 | .99162+000 | .98969+000 | .98748+000 |
| 8     | .99897+000   | .99863+000 | .99822+000 | .99771+000 | .99711+000 |
| 9     | .99983+000   | .99977+000 | .99968+000 | .99958+000 | .99944+000 |
| 10    | .99998+000   | .99997+000 | .99995+000 | .99993+000 | .99991+000 |
| 11    | 1.00000      | 1.00000    | .99999+000 | .99999+000 | .99999+000 |
| 12    |              |            | 1.00000    | 1.00000    | 1.00000    |
| H     | = .40950+002 | .48321+002 | .56862+002 | .66738+002 | .78135+002 |

| THETA | .25000+002   | .30000+002 | .35000+002 | .40000+002 | .45000+002 |
|-------|--------------|------------|------------|------------|------------|
| -I-   | SUM-P(I)     |            |            |            |            |
| 0     | .54788-002   | .26022-002 | .12937-002 | .66788-003 | .35599-003 |
| 1     | .51136-001   | .28625-001 | .16387-001 | .95730-002 | .56958-002 |
| 2     | .19381+000   | .12621+000 | .82419-001 | .54098-001 | .35732-001 |
| 3     | .43161+000   | .32138+000 | .23649+000 | .17283+000 | .12584+000 |
| 4     | .67931+000   | .56534+000 | .46118+000 | .37072+000 | .29479+000 |
| 5     | .85624+000   | .77445+000 | .68588+000 | .59688+000 | .51202+000 |
| 6     | .94839+000   | .90514+000 | .84971+000 | .78535+000 | .71567+000 |
| 7     | .98496+000   | .96737+000 | .94074+000 | .90501+000 | .86113+000 |
| 8     | .99639+000   | .99071+000 | .98056+000 | .96484+000 | .94296+000 |
| 9     | .99928+000   | .99778+000 | .99464+000 | .98902+000 | .98015+000 |
| 10    | .99988+000   | .99955+000 | .99874+000 | .99708+000 | .99410+000 |
| 11    | .99998+000   | .99992+000 | .99975+000 | .99933+000 | .99849+000 |
| 12    | 1.00000      | .99999+000 | .99996+000 | .99987+000 | .99966+000 |
| 13    |              | 1.00000    | .99999+000 | .99998+000 | .99993+000 |
| 14    |              |            | 1.00000    | 1.00000    | .99999+000 |
| 15    |              |            |            |            | 1.00000    |
| H     | = .91261+002 | .19214+003 | .38649+003 | .74864+003 | .14046+004 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 2

| THETA | .50000+002   | .55000+002 | .60000+002 | .65000+002 | .70000+002 |
|-------|--------------|------------|------------|------------|------------|
| -I-   | -----        | -----      | SUM-P(I)   | -----      | -----      |
| 0     | .19503-003   | .10944-003 | .62734-003 | .36646-004 | .21775-004 |
| 1     | .34495-002   | .21159-002 | .13174-002 | .83065-003 | .52986-003 |
| 2     | .23761-001   | .15910-001 | .10727-001 | .72819-002 | .49756-002 |
| 3     | .91480-001   | .66491-001 | .48368-001 | .35237-001 | .25722-001 |
| 4     | .23256+000   | .18240+000 | .14247+000 | .11095+000 | .86234-001 |
| 5     | .43410+000   | .36455+000 | .30378+000 | .25156+000 | .20726+000 |
| 6     | .64404+000   | .57326+000 | .50543+000 | .44197+000 | .38375+000 |
| 7     | .81066+000   | .75547+000 | .69747+000 | .63842+000 | .57985+000 |
| 8     | .91480+000   | .88074+000 | .84150+000 | .79804+000 | .75144+000 |
| 9     | .96740+000   | .95033+000 | .92879+000 | .90284+000 | .87276+000 |
| 10    | .98931+000   | .98223+000 | .97244+000 | .95961+000 | .94354+000 |
| 11    | .99697+000   | .99450+000 | .99075+000 | .98541+000 | .97818+000 |
| 12    | .99925+000   | .99852+000 | .99729+000 | .99539+000 | .99262+000 |
| 13    | .99984+000   | .99965+000 | .99930+000 | .99872+000 | .99780+000 |
| 14    | .99997+000   | .99993+000 | .99984+000 | .99968+000 | .99942+000 |
| 15    | .99999+000   | .99999+000 | .99997+000 | .99993+000 | .99986+000 |
| 16    | 1.00000      | 1.00000    | .99999+000 | .99999+000 | .99997+000 |
| 17    |              |            | 1.00000    | 1.00000    | .99999+000 |
| 18    |              |            |            |            | 1.00000    |
| H     | = .25637+004 | .45685+004 | .79702+004 | .13644+005 | .22962+005 |

| THETA | .75000+002   | .80000+002 | .85000+002 | .90000+002 | .95000+002 |
|-------|--------------|------------|------------|------------|------------|
| -I-   | -----        | -----      | SUM-P(I)   | -----      | -----      |
| 0     | .13140-004   | .80419-005 | .49858-005 | .31282-005 | .19844-005 |
| 1     | .34164-003   | .22249-003 | .14625-003 | .96973-004 | .64825-004 |
| 2     | .34214-002   | .23670-002 | .16472-002 | .11527-002 | .81105-003 |
| 3     | .18820-001   | .13804-001 | .10152-001 | .74873-002 | .55372-002 |
| 4     | .66940-001   | .51929-001 | .40275-001 | .31242-001 | .24245-001 |
| 5     | .17006+000   | .13907+000 | .11343+000 | .92325-001 | .75022-001 |
| 6     | .33117+000   | .28431+000 | .24298+000 | .20686+000 | .17552+000 |
| 7     | .52298+000   | .46874+000 | .41776+000 | .37047+000 | .32706+000 |
| 8     | .70280+000   | .65316+000 | .60347+000 | .55454+000 | .50702+000 |
| 9     | .83903+000   | .80220+000 | .76292+000 | .72187+000 | .67971+000 |
| 10    | .92417+000   | .90155+000 | .87586+000 | .84737+000 | .81642+000 |
| 11    | .96882+000   | .95713+000 | .94300+000 | .92636+000 | .90724+000 |
| 12    | .98876+000   | .98360+000 | .97696+000 | .96867+000 | .95860+000 |
| 13    | .99642+000   | .99446+000 | .99177+000 | .98820+000 | .98362+000 |
| 14    | .99899+000   | .99834+000 | .99739+000 | .99605+000 | .99423+000 |
| 15    | .99975+000   | .99956+000 | .99926+000 | .99882+000 | .99818+000 |
| 16    | .99994+000   | .99989+000 | .99981+000 | .99968+000 | .99948+000 |
| 17    | .99999+000   | .99998+000 | .99996+000 | .99992+000 | .99987+000 |
| 18    | 1.00000      | 1.00000    | .99999+000 | .99998+000 | .99997+000 |
| 19    |              |            | 1.00000    | 1.00000    | .99999+000 |
| 20    |              |            |            |            | 1.00000    |
| H     | = .38051+005 | .62178+003 | .10028+006 | .15984+006 | .25196+006 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2

THETA = .10000+003

| -I- | SUM-P(I)     |  |  |  |  |
|-----|--------------|--|--|--|--|
| 0   | .12719-005   |  |  |  |  |
| 1   | .43667-004   |  |  |  |  |
| 2   | .57360-003   |  |  |  |  |
| 3   | .41065-002   |  |  |  |  |
| 4   | .18827-001   |  |  |  |  |
| 5   | .60886-001   |  |  |  |  |
| 6   | .14851+000   |  |  |  |  |
| 7   | .28759+000   |  |  |  |  |
| 8   | .46144+000   |  |  |  |  |
| 9   | .63705+000   |  |  |  |  |
| 10  | .78339+000   |  |  |  |  |
| 11  | .88573+000   |  |  |  |  |
| 12  | .94664+000   |  |  |  |  |
| 13  | .97788+000   |  |  |  |  |
| 14  | .99183+000   |  |  |  |  |
| 15  | .99730+000   |  |  |  |  |
| 16  | .99920+000   |  |  |  |  |
| 17  | .99978+000   |  |  |  |  |
| 18  | .99995+000   |  |  |  |  |
| 19  | .99999+000   |  |  |  |  |
| 20  | 1.00000      |  |  |  |  |
| H   | = .39313+006 |  |  |  |  |

U2 = 3

| THETA = .00000+000 | .10000-001   | .20000-001 | .30000-001 | .40000-001 |            |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                | SUM-P(I)     |            |            |            |            |
| 0                  | 1.00000      | .99750+000 | .99501+000 | .99253+000 | .99006+000 |
| 1                  |              | 1.00000    | .99999+000 | .99998+000 | .99996+000 |
| 2                  |              |            | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .16667+000 | .16708+000 | .16750+000 | .16792+000 | .16834+000 |

| THETA = .50000-001 | .60000-001   | .70000-001 | .80000-001 | .90000-001 |            |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                | SUM-P(I)     |            |            |            |            |
| 0                  | .98759+000   | .98513+000 | .98268+000 | .98024+000 | .97780+000 |
| 1                  | .99994+000   | .99991+000 | .99988+000 | .99984+000 | .99980+000 |
| 2                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .16876+000 | .16918+000 | .16960+000 | .17003+000 | .17045+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

| THE TAU = .10000+000 .11000+000 .12000+000 .13000+000 .14000+000 |              |            |            |            |            |
|--|--------------|------------|------------|------------|------------|
| -I-  | SUM-P(I)     |            |            |            |            |
| 0  | .97537+000   | .97295+000 | .97053+000 | .96812+000 | .96572+000 |
| 1  | .99975+000   | .99970+000 | .99965+000 | .99959+000 | .99952+000 |
| 2  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H  | = .17088+000 | .17130+000 | .17173+000 | .17215+000 | .17258+000 |

| THE TAU = .15000+000 .16000+000 .17000+000 .18000+000 .19000+000 |              |            |            |            |            |
|--|--------------|------------|------------|------------|------------|
| -I-  | SUM-P(I)     |            |            |            |            |
| 0  | .96333+000   | .96094+000 | .95856+000 | .95619+000 | .95382+000 |
| 1  | .99945+000   | .99938+000 | .99930+000 | .99922+000 | .99913+000 |
| 2  | 1.00000      | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 3  |              | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H  | = .17301+000 | .17344+000 | .17387+000 | .17430+000 | .17474+000 |

| THE TAU = .20000+000 .21000+000 .22000+000 .23000+000 .24000+000 |              |            |            |            |            |
|--|--------------|------------|------------|------------|------------|
| -I-  | SUM-P(I)     |            |            |            |            |
| 0  | .95146+000   | .94911+000 | .94677+000 | .94443+000 | .94210+000 |
| 1  | .99904+000   | .99894+000 | .99884+000 | .99873+000 | .99863+000 |
| 2  | .99999+000   | .99999+000 | .99999+000 | .99998+000 | .99998+000 |
| 3  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H  | = .17517+000 | .17560+000 | .17604+000 | .17647+000 | .17691+000 |

| THE TAU = .25000+000 .26000+000 .27000+000 .28000+000 .29000+000 |              |            |            |            |            |
|--|--------------|------------|------------|------------|------------|
| -I-  | SUM-P(I)     |            |            |            |            |
| 0  | .93978+000   | .93746+000 | .93515+000 | .93284+000 | .93055+000 |
| 1  | .99851+000   | .99839+000 | .99827+000 | .99814+000 | .99801+000 |
| 2  | .99998+000   | .99998+000 | .99997+000 | .99997+000 | .99997+000 |
| 3  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H  | = .17735+000 | .17779+000 | .17823+000 | .17867+000 | .17911+000 |

| THE TAU = .30000+000 .31000+000 .32000+000 .33000+000 .34000+000 |              |            |            |            |            |
|--|--------------|------------|------------|------------|------------|
| -I-  | SUM-P(I)     |            |            |            |            |
| 0  | .92826+000   | .92597+000 | .92370+000 | .92143+000 | .91916+000 |
| 1  | .99788+000   | .99774+000 | .99759+000 | .99744+000 | .99729+000 |
| 2  | .99996+000   | .99996+000 | .99996+000 | .99995+000 | .99995+000 |
| 3  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H  | = .17955+000 | .17999+000 | .18043+000 | .18088+000 | .18132+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 3

THETA= .35000+000 .36000+000 .37000+000 .38000+000 .39000+000

| -I- |              | SUM-P(I)   |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .91691+000   | .91466+000 | .91241+000 | .91018+000 | .90795+000 |
| 1   | .99714+000   | .99698+000 | .99681+000 | .99664+000 | .99647+000 |
| 2   | .99994+000   | .99994+000 | .99993+000 | .99993+000 | .99992+000 |
| 3   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .18177+000 | .18222+000 | .18267+000 | .18311+000 | .18356+000 |

THETA= .40000+000 .41000+000 .42000+000 .43000+000 .44000+000

| -I- |              | SUM-P(I)   |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .90572+000   | .90351+000 | .90130+000 | .89909+000 | .89689+000 |
| 1   | .99630+000   | .99612+000 | .99593+000 | .99574+000 | .99555+000 |
| 2   | .99992+000   | .99991+000 | .99991+000 | .99990+000 | .99989+000 |
| 3   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .18402+000 | .18447+000 | .18492+000 | .18537+000 | .18583+000 |

THETA= .45000+000 .46000+000 .47000+000 .48000+000 .49000+000

| -I- |              | SUM-P(I)   |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .89470+000   | .89252+000 | .89034+000 | .88817+000 | .88600+000 |
| 1   | .99536+000   | .99516+000 | .99495+000 | .99475+000 | .99453+000 |
| 2   | .99988+000   | .99988+000 | .99987+000 | .99986+000 | .99985+000 |
| 3   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .18628+000 | .18674+000 | .18719+000 | .18765+000 | .18811+000 |

THETA= .50000+000 .60000+000 .70000+000 .80000+000 .90000+000

| -I- |              | SUM-P(I)   |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .88384+000   | .86258+000 | .84194+000 | .82187+000 | .80238+000 |
| 1   | .99432+000   | .99197+000 | .98927+000 | .98625+000 | .98291+000 |
| 2   | .99984+000   | .99974+000 | .99959+000 | .99940+000 | .99916+000 |
| 3   | 1.00000      | .99999+000 | .99999+000 | .99998+000 | .99997+000 |
| 4   |              | 1.00000    |            | 1.00000    | 1.00000    |
| H   | = .18857+000 | .19322+000 | .19796+000 | .20279+000 | .20772+000 |

THETA= .10000+001 .11000+001 .12000+001 .13000+001 .14000+001

| -I- |              | SUM-P(I)   |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .78343+000   | .76501+000 | .74710+000 | .72969+000 | .71275+000 |
| 1   | .97929+000   | .97539+000 | .97123+000 | .96684+000 | .96222+000 |
| 2   | .99887+000   | .99853+000 | .99813+000 | .99767+000 | .99714+000 |
| 3   | .99996+000   | .99994+000 | .99992+000 | .99989+000 | .99986+000 |
| 4   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .21274+000 | .21786+000 | .22308+000 | .22841+000 | .23383+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

THETA= .15000+001 .16000+001 .17000+001 .18000+001 .19000+001  
 -I-----SUM-P(I)-----  
 0 .69628+000 .68026+000 .66467+000 .64950+000 .63474+000  
 1 .95739+000 .95236+000 .94715+000 .94178+000 .93624+000  
 2 .99655+000 .99590+000 .99518+000 .99439+000 .99352+000  
 3 .99982+000 .99977+000 .99971+000 .99965+000 .99957+000  
 4 .99999+000 .99999+000 .99999+000 .99998+000 .99998+000  
 5 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .23937+000 .24500+000 .25075+000 .25661+000 .26258+000

THETA= .20000+001 .21000+001 .22000+001 .23000+001 .24000+001  
 -I-----SUM-P(I)-----  
 0 .62037+000 .60638+000 .59276+000 .57950+000 .56659+000  
 1 .93055+000 .92473+000 .91878+000 .91272+000 .90654+000  
 2 .99259+000 .99158+000 .99051+000 .98935+000 .98813+000  
 3 .99948+000 .99938+000 .99927+000 .99915+000 .99901+000  
 4 .99997+000 .99997+000 .99996+000 .99995+000 .99994+000  
 5 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .26866+000 .27485+000 .28117+000 .28760+000 .29416+000

THETA= .25000+001 .26000+001 .27000+001 .28000+001 .29000+001  
 -I-----SUM-P(I)-----  
 0 .55401+000 .54176+000 .52983+000 .51820+000 .50687+000  
 1 .90027+000 .89391+000 .88746+000 .88094+000 .87435+000  
 2 .98683+000 .98546+000 .98402+000 .98250+000 .98092+000  
 3 .99886+000 .99869+000 .99850+000 .99830+000 .99809+000  
 4 .99993+000 .99992+000 .99990+000 .99988+000 .99986+000  
 5 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .30084+000 .30764+000 .31457+000 .32163+000 .32882+000

THETA= .30000+001 .31000+001 .32000+001 .33000+001 .34000+001  
 -I-----SUM-P(I)-----  
 0 .49583+000 .48506+000 .47457+000 .46435+000 .45438+000  
 1 .86770+000 .86099+000 .85423+000 .84743+000 .84060+000  
 2 .97926+000 .97753+000 .97572+000 .97385+000 .97191+000  
 3 .99785+000 .99760+000 .99732+000 .99703+000 .99672+000  
 4 .99984+000 .99982+000 .99979+000 .99976+000 .99973+000  
 5 .99999+000 .99999+000 .99999+000 .99999+000 .99998+000  
 6 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .33614+000 .34360+000 .35119+000 .35893+000 .36680+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSSEL DISTRIBUTION

U2 = 3

THETA= .35000+001 .36000+001 .37000+001 .38000+001 .39000+001  
 -I-----SUM-P(I)-----  
 0 .44465+000 .43517+000 .42593+000 .41691+000 .40811+000  
 1 .83373+000 .82683+000 .81991+000 .81297+000 .80602+000  
 2 .96990+000 .96783+000 .96568+000 .96347+000 .96120+000  
 3 .99638+000 .99603+000 .99565+000 .99525+000 .99483+000  
 4 .99969+000 .99965+000 .99961+000 .99956+000 .99951+000  
 5 .99998+000 .99998+000 .99997+000 .99997+000 .99997+000  
 6 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .37482+000 .38299+000 .39130+000 .39977+000 .40639+000

THETA= .40000+001 .41000+001 .42000+001 .43000+001 .44000+001  
 -I-----SUM-P(I)-----  
 0 .39953+000 .39115+000 .38298+000 .37501+000 .36723+000  
 1 .79905+000 .79209+000 .78511+000 .77814+000 .77117+000  
 2 .95887+000 .95647+000 .95401+000 .95149+000 .94891+000  
 3 .99438+000 .99391+000 .99342+000 .99290+000 .99236+000  
 4 .99945+000 .99939+000 .99933+000 .99926+000 .99918+000  
 5 .99996+000 .99995+000 .99995+000 .99994+000 .99993+000  
 6 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .41716+000 .42609+000 .43518+000 .44444+000 .45385+000

THETA= .45000+001 .46000+001 .47000+001 .48000+001 .49000+001  
 -I-----SUM-P(I)-----  
 0 .35963+000 .35221+000 .34497+000 .33791+000 .33101+000  
 1 .76421+000 .75726+000 .75032+000 .74340+000 .73649+000  
 2 .94627+000 .94358+000 .94083+000 .93803+000 .93518+000  
 3 .99179+000 .99120+000 .99058+000 .98993+000 .98926+000  
 4 .99910+000 .99902+000 .99893+000 .99883+000 .99873+000  
 5 .99993+000 .99992+000 .99991+000 .99990+000 .99989+000  
 6 1.00000 .99999+000 .99999+000 .99999+000 .99999+000  
 7 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .46344+000 .47320+000 .48313+000 .49323+000 .50352+000

THETA= .50000+001 .52000+001 .54000+001 .56000+001 .58000+001  
 -I-----SUM-P(I)-----  
 0 .32427+000 .31126+000 .29885+000 .28700+000 .27569+000  
 1 .72960+000 .71590+000 .70229+000 .68881+000 .67545+000  
 2 .93227+000 .92631+000 .92015+000 .91382+000 .90731+000  
 3 .98857+000 .98709+000 .98551+000 .98382+000 .98202+000  
 4 .99862+000 .99838+000 .99811+000 .99782+000 .99749+000  
 5 .99987+000 .99985+000 .99982+000 .99978+000 .99974+000  
 6 .99999+000 .99999+000 .99999+000 .99998+000 .99998+000  
 7 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .51398+000 .53546+000 .55770+000 .58072+000 .60454+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSSEL DISTRIBUTION

U2 = 3

| THETA= | .60000+001 | .62000+001 | .64000+001 | .66000+001 | .68000+001 |
|--------|------------|------------|------------|------------|------------|
| -I-    |            |            | SUM-P(I)   |            |            |
| 0      | .26489+000 | .25458+000 | .24472+000 | .23529+000 | .22628+000 |
| 1      | .66223+000 | .64917+000 | .63626+000 | .62352+000 | .61096+000 |
| 2      | .90064+000 | .89382+000 | .88685+000 | .87976+000 | .87253+000 |
| 3      | .98011+000 | .97238+000 | .97595+000 | .97371+000 | .97135+000 |
| 4      | .99714+000 | .99674+000 | .99632+000 | .99585+000 | .99535+000 |
| 5      | .99969+000 | .99964+000 | .99958+000 | .99951+000 | .99943+000 |
| 6      | .99997+000 | .99997+000 | .99996+000 | .99995+000 | .99995+000 |
| 7      | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =    | .62918+000 | .65468+000 | .68106+000 | .70834+000 | .73655+000 |
| THETA= | .70000+001 | .72000+001 | .74000+001 | .76000+001 | .78000+001 |
| -I-    |            |            | SUM-P(I)   |            |            |
| 0      | .21766+000 | .20941+000 | .20152+000 | .19397+000 | .18673+000 |
| 1      | .59856+000 | .58636+000 | .57433+000 | .56250+000 | .55085+000 |
| 2      | .86520+000 | .85776+000 | .85021+000 | .84258+000 | .83487+000 |
| 3      | .96889+000 | .96631+000 | .96363+000 | .96084+000 | .95795+000 |
| 4      | .99481+000 | .99423+000 | .99361+000 | .99294+000 | .99223+000 |
| 5      | .99935+000 | .99926+000 | .99915+000 | .99904+000 | .99892+000 |
| 6      | .99994+000 | .99993+000 | .99991+000 | .99990+000 | .99988+000 |
| 7      | 1.00000    | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 8      | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =    | .76572+000 | .79538+000 | .82705+000 | .85926+000 | .89255+000 |
| THETA= | .80000+001 | .82000+001 | .84000+001 | .86000+001 | .88000+001 |
| -I-    |            |            | SUM-P(I)   |            |            |
| 0      | .17980+000 | .17316+000 | .16680+000 | .16070+000 | .15486+000 |
| 1      | .53940+000 | .52815+000 | .51708+000 | .50622+000 | .49554+000 |
| 2      | .82709+000 | .81923+000 | .81132+000 | .80336+000 | .79535+000 |
| 3      | .95494+000 | .95164+000 | .94863+000 | .94532+000 | .94392+000 |
| 4      | .99148+000 | .99067+000 | .98983+000 | .98893+000 | .98752+000 |
| 5      | .99878+000 | .99864+000 | .99848+000 | .99830+000 | .99812+000 |
| 6      | .99986+000 | .99984+000 | .99982+000 | .99980+000 | .99977+000 |
| 7      | .99999+000 | .99999+000 | .99998+000 | .99998+000 | .99998+000 |
| 8      | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =    | .92695+000 | .96249+000 | .99919+000 | .10371+001 | .10763+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 3

THETA= .90000+001 .92000+001 .94000+001 .96000+001 .98000+001  
 -I- ----- SUM-P(I)-----  
 0 .14925+000 .14387+000 .13871+000 .13376+000 .12901+000  
 1 .48507+000 .47478+000 .46469+000 .45479+000 .44508+000  
 2 .78730+000 .77922+000 .77111+000 .76298+000 .75483+000  
 3 .93842+000 .93482+000 .93113+000 .92735+000 .92348+000  
 4 .98699+000 .98594+000 .98485+000 .98370+000 .98250+000  
 5 .99792+000 .99770+000 .99747+000 .99723+000 .99696+000  
 6 .99974+000 .99971+000 .99967+000 .99963+000 .99959+000  
 7 .99997+000 .99997+000 .99997+000 .99996+000 .99996+000  
 8 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .11167+001 .11584+001 .12015+001 .12460+001 .12919+001

THETA= .10000+002 .10200+002 .10400+002 .10600+002 .10800+002  
 -I- ----- SUM-P(I)-----  
 0 .12445+000 .12006+000 .11586+000 .11181+000 .10793+000  
 1 .43556+000 .42623+000 .41708+000 .40812+000 .39933+000  
 2 .74668+000 .73852+000 .73036+000 .72220+000 .71405+000  
 3 .91952+000 .91548+000 .91136+000 .90716+000 .90288+000  
 4 .98125+000 .97995+000 .97859+000 .97718+000 .97571+000  
 5 .99668+000 .99638+000 .99607+000 .99573+000 .99538+000  
 6 .99954+000 .99949+000 .99943+000 .99937+000 .99931+000  
 7 .99995+000 .99994+000 .99993+000 .99993+000 .99992+000  
 8 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .13393+001 .13881+001 .14386+001 .14906+001 .15442+001

THETA= .11000+002 .11200+002 .11400+002 .11600+002 .11800+002  
 -I- ----- SUM-P(I)-----  
 0 .10419+000 .10060+000 .97153-001 .93834-001 .90642-001  
 1 .39073+000 .38230+000 .37404+000 .36595+000 .35804+000  
 2 .70591+000 .69779+000 .68969+000 .68161+000 .67356+000  
 3 .89852+000 .89410+000 .88960+000 .88504+000 .88041+000  
 4 .97419+000 .97262+000 .97099+000 .96931+000 .96758+000  
 5 .99500+000 .99461+000 .99419+000 .99375+000 .99329+000  
 6 .99924+000 .99917+000 .99909+000 .99900+000 .99891+000  
 7 .99991+000 .99990+000 .99988+000 .99987+000 .99986+000  
 8 .99999+000 .99999+000 .99999+000 .99999+000 .99998+000  
 9 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .15996+001 .16567+001 .17155+001 .17762+001 .18387+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

THE TAU = .12000+002 .12200+002 .12400+002 .12600+002 .12800+002  
 -I- ----- SUM-P(I) -----  
 0 .87571-001 .84617-001 .81773-001 .79036-001 .76401-001  
 1 .35029+000 .34270+000 .33527+000 .32800+000 .32088+000  
 2 .66554+000 .65756+000 .64960+000 .64169+000 .63382+000  
 3 .87571+000 .87096+000 .86615+000 .86128+000 .85636+000  
 4 .96579+000 .96394+000 .96204+000 .96009+000 .95809+000  
 5 .99281+000 .99230+000 .99177+000 .99122+000 .99064+000  
 6 .99881+000 .99871+000 .99860+000 .99848+000 .99836+000  
 7 .99984+000 .99983+000 .99981+000 .99979+000 .99977+000  
 8 .99998+000 .99998+000 .99998+000 .99998+000 .99997+000  
 9 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .19032+001 .19697+001 .20382+001 .21087+001 .21815+001

THE TAU = .23000+002 .13200+002 .13400+002 .13600+002 .13800+002  
 -I- ----- SUM-P(I) -----  
 0 .73864-001 .71421-001 .69067-001 .66800-001 .64615-001  
 1 .31392+000 .30711+000 .30044+000 .29392+000 .28754+000  
 2 .62600+000 .61822+000 .61048+000 .60280+000 .59517+000  
 3 .85138+000 .84636+000 .84129+000 .83618+000 .83102+000  
 4 .95603+000 .95392+000 .95175+000 .94953+000 .94727+000  
 5 .99004+000 .98941+000 .98876+000 .98808+000 .98737+000  
 6 .99822+000 .99809+000 .99794+000 .99778+000 .99762+000  
 7 .99975+000 .99972+000 .99970+000 .99967+000 .99964+000  
 8 .99997+000 .99997+000 .99996+000 .99996+000 .99995+000  
 9 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .22564+001 .23336+001 .24131+001 .24950+001 .25794+001

THE TAU = .14000+002 .14200+002 .14400+002 .14600+002 .14800+002  
 -I- ----- SUM-P(I) -----  
 0 .62510-001 .60481-001 .58525-001 .56639-001 .54821-001  
 1 .28130+000 .27519+000 .26922+000 .26337+000 .25766+000  
 2 .58760+000 .58007+000 .57261+000 .56520+000 .55786+000  
 3 .82583+000 .82059+000 .81533+000 .81002+000 .80469+000  
 4 .94494+000 .94257+000 .94015+000 .93768+000 .93516+000  
 5 .98664+000 .98588+000 .98509+000 .98427+000 .98343+000  
 6 .99744+000 .99726+000 .99707+000 .99687+000 .99666+000  
 7 .99961+000 .99957+000 .99954+000 .99950+000 .99946+000  
 8 .99995+000 .99995+000 .99994+000 .99993+000 .99993+000  
 9 .99999+000 .99999+000 .99999+000 .99999+000 .99999+000  
 10 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .26662+001 .27557+001 .28478+001 .29426+001 .30402+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

|     | THETA = .15000+002 | .15500+002 | .16000+002 | .16500+002 | .17000+002 |
|-----|--------------------|------------|------------|------------|------------|
| -I- | SUM-P(I)           |            |            |            |            |
| 0   | .53067-001         | .48949-001 | .45183-001 | .41736-001 | .38577-001 |
| 1   | .25207+000         | .23863+000 | .22592+000 | .21390+000 | .20253+000 |
| 2   | .55057+000         | .53263+000 | .51509+000 | .49796+000 | .48125+000 |
| 3   | .79932+000         | .78580+000 | .77213+000 | .75835+000 | .74449+000 |
| 4   | .93259+000         | .92595+000 | .91901+000 | .91180+000 | .90431+000 |
| 5   | .98256+000         | .98025+000 | .97777+000 | .97510+000 | .97224+000 |
| 6   | .99644+000         | .99584+000 | .99518+000 | .99444+000 | .99362+000 |
| 7   | .99941+000         | .99929+000 | .99915+000 | .99900+000 | .99882+000 |
| 8   | .99992+000         | .99990+000 | .99988+000 | .99985+000 | .99982+000 |
| 9   | .99999+000         | .99999+000 | .99999+000 | .99998+000 | .99998+000 |
| 10  | 1.00000            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .31407+001       | .34049+001 | .36887+001 | .39934+001 | .43203+001 |

|     | THETA = .17500+002 | .18000+002 | .18500+002 | .19000+002 | .19500+002 |
|-----|--------------------|------------|------------|------------|------------|
| -I- | SUM-P(I)           |            |            |            |            |
| 0   | .35681-001         | .33024-001 | .30583-001 | .28340-001 | .26276-001 |
| 1   | .19179+000         | .18163+000 | .17203+000 | .16295+000 | .15437+000 |
| 2   | .46497+000         | .44912+000 | .43370+000 | .41872+000 | .40416+000 |
| 3   | .73057+000         | .71661+000 | .70265+000 | .68869+000 | .67477+000 |
| 4   | .89657+000         | .88857+000 | .88034+000 | .87189+000 | .86323+000 |
| 5   | .96919+000         | .96596+000 | .96253+000 | .95891+000 | .95510+000 |
| 6   | .99273+000         | .99175+000 | .99068+000 | .98953+000 | .98828+000 |
| 7   | .99861+000         | .99838+000 | .99812+000 | .99784+000 | .99752+000 |
| 8   | .99978+000         | .99974+000 | .99969+000 | .99963+000 | .99957+000 |
| 9   | .99997+000         | .99996+000 | .99996+000 | .99995+000 | .99994+000 |
| 10  | 1.00000            | 1.00000    | .99999+000 | .99999+000 | .99999+000 |
| 11  |                    |            | 1.00000    | 1.00000    | 1.00000    |
| H   | = .46710+001       | .50469+001 | .54497+001 | .58810+001 | .63428+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3

| THETA = | .20000+002         | .21000+002 | .22000+002 | .23000+002 | .24000+002 |
|---------|--------------------|------------|------------|------------|------------|
| -I-     | -----SUM-P(I)----- |            |            |            |            |
| 0       | .24377-001         | .21016-001 | .18157-001 | .15718-001 | .13634-001 |
| 1       | .14626+000         | .13135+000 | .11802+000 | .10610+000 | .95438-001 |
| 2       | .39004+000         | .36305+000 | .33771+000 | .31397+000 | .29177+000 |
| 3       | .66090+000         | .63337+000 | .60623+000 | .57959+000 | .55354+000 |
| 4       | .85437+000         | .83611+000 | .81721+000 | .79778+000 | .77792+000 |
| 5       | .95110+000         | .94254+000 | .93325+000 | .92324+000 | .91254+000 |
| 6       | .98693+000         | .98394+000 | .98052+000 | .97667+000 | .97238+000 |
| 7       | .99717+000         | .99635+000 | .99538+000 | .99423+000 | .99289+000 |
| 8       | .99949+000         | .99932+000 | .99909+000 | .99882+000 | .99849+000 |
| 9       | .99992+000         | .99989+000 | .99985+000 | .99980+000 | .99973+000 |
| 10      | .99999+000         | .99999+000 | .99998+000 | .99997+000 | .99996+000 |
| 11      | 1.00000            | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 12      |                    |            |            |            | 1.00000    |
| H =     | .68370+001         | .79305+001 | .91794+001 | .10603+002 | .12224+002 |

| THETA = | .25000+002         | .30000+002 | .35000+002 | .40000+002 | .45000+002 |
|---------|--------------------|------------|------------|------------|------------|
| -I-     | -----SUM-P(I)----- |            |            |            |            |
| 0       | .11848-001         | .60224-002 | .31760-002 | .17275-002 | .96500-003 |
| 1       | .85898-001         | .51190-001 | .30966-001 | .19003-001 | .11821-001 |
| 2       | .27102+000         | .18669+000 | .12823+000 | .88105-001 | .60674-001 |
| 3       | .52814+000         | .41253+000 | .31735+000 | .24166+000 | .18281+000 |
| 4       | .75771+000         | .65451+000 | .55376+000 | .46104+000 | .37909+000 |
| 5       | .90119+000         | .83598+000 | .76061+000 | .68041+000 | .59991+000 |
| 6       | .96762+000         | .93680+000 | .89468+000 | .84290+000 | .78393+000 |
| 7       | .99134+000         | .98001+000 | .96172+000 | .93576+000 | .90222+000 |
| 8       | .99808+000         | .99474+000 | .98838+000 | .97797+000 | .96271+000 |
| 9       | .99964+000         | .99884+000 | .99702+000 | .99360+000 | .98792+000 |
| 10      | .99994+000         | .99978+000 | .99935+000 | .99841+000 | .99664+000 |
| 11      | .99999+000         | .99996+000 | .99988+000 | .99966+000 | .99919+000 |
| 12      | 1.00000            | .99999+000 | .99998+000 | .99994+000 | .99983+000 |
| 13      |                    | 1.00000    | 1.00000    | .99999+000 | .99997+000 |
| 14      |                    |            |            | 1.00000    | .99999+000 |
| 15      |                    |            |            |            | 1.00000    |
| H =     | .14067+002         | .27674+002 | .52478+002 | .96476+002 | .17271+003 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 3

| THETA = | .50000+002 | .55000+002 | .60000+002 | .65000+002 | .70000+002 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .55166-003 | .32187-003 | .19125-003 | .11551-003 | .70803-004 |
| 1       | .74474-002 | .47476-002 | .30599-002 | .19925-002 | .13098-002 |
| 2       | .41926-001 | .29089-001 | .20272-001 | .14193-001 | .99832-002 |
| 3       | .13770+000 | .10347+000 | .77646-001 | .58249-001 | .43713-001 |
| 4       | .30873+000 | .24956+000 | .20059+000 | .16052+000 | .12804+000 |
| 5       | .52251+000 | .45045+000 | .38501+000 | .32672+000 | .27560+000 |
| 6       | .72045+000 | .65505+000 | .58991+000 | .52677+000 | .46689+000 |
| 7       | .86184+000 | .81581+000 | .76555+000 | .71253+000 | .65818+000 |
| 8       | .94218+000 | .91629+000 | .88530+000 | .84974+000 | .81035+000 |
| 9       | .97937+000 | .96745+000 | .95182+000 | .93232+000 | .90697+000 |
| 10      | .99368+000 | .98910+000 | .98253+000 | .97361+000 | .96208+000 |
| 11      | .99832+000 | .99683+000 | .99449+000 | .99104+000 | .98621+000 |
| 12      | .99961+000 | .99920+000 | .99848+000 | .99733+000 | .99560+000 |
| 13      | .99992+000 | .99982+000 | .99963+000 | .99930+000 | .99876+000 |
| 14      | .99999+000 | .99996+000 | .99992+000 | .99984+000 | .99969+000 |
| 15      | 1.00000    | .99999+000 | .99998+000 | .99997+000 | .99993+000 |
| 16      |            | 1.00000    | 1.00000    | .99999+000 | .99999+000 |
| 17      |            |            |            | 1.00000    | 1.00000    |
| H =     | .30212+003 | .51781+002 | .87148+003 | .14429+004 | .23540+004 |

| THETA = | .75000+002 | .80000+002 | .85000+002 | .90000+002 | .95000+002 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .43990-004 | .27672-004 | .17607-004 | .11322-004 | .73519-005 |
| 1       | .86881-003 | .58112-003 | .39176-003 | .26606-003 | .18196-003 |
| 2       | .70550-002 | .59087-002 | .35720-002 | .25587-002 | .18407-002 |
| 3       | .32831-001 | .24687-001 | .18590-001 | .14022-001 | .10595-001 |
| 4       | .10187+000 | .80910-001 | .64180-001 | .50868-001 | .40299-001 |
| 5       | .23133+000 | .19336+000 | .16106+000 | .13377+000 | .11084+000 |
| 6       | .41112+000 | .35994+000 | .31355+000 | .27194+000 | .23495+000 |
| 7       | .60376+000 | .55033+000 | .49873+000 | .44960+000 | .40338+000 |
| 8       | .76794+000 | .72340+000 | .67758+000 | .63128+000 | .58521+000 |
| 9       | .88196+000 | .85161+000 | .81835+000 | .78269+000 | .74516+000 |
| 10      | .94773+000 | .93050+000 | .91039+000 | .88751+000 | .86204+000 |
| 11      | .97977+000 | .97149+000 | .96120+000 | .94877+000 | .93414+000 |
| 12      | .99312+000 | .98970+000 | .98519+000 | .97940+000 | .97220+000 |
| 13      | .99793+000 | .99671+000 | .99499+000 | .99265+000 | .98958+000 |
| 14      | .99945+000 | .99906+000 | .99849+000 | .99766+000 | .99651+000 |
| 15      | .99987+000 | .99976+000 | .99959+000 | .99934+000 | .99896+000 |
| 16      | .99997+000 | .99995+000 | .99990+000 | .99983+000 | .99972+000 |
| 17      | .99999+000 | .99999+000 | .99998+000 | .99996+000 | .99993+000 |
| 18      | 1.00000    | 1.00000    | 1.00000    | .99999+000 | .99998+000 |
| 19      |            |            |            | 1.00000    | 1.00000    |
| H =     | .37887+004 | .60229+004 | .94659+004 | .14721+005 | .22670+005 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 3

THETA = .10000+003

| -I- | SUM-P(I)   |  |
|-----|------------|--|
| 0   | .48180+005 |  |
| 1   | .12527+003 |  |
| 2   | .13298+002 |  |
| 3   | .80215+002 |  |
| 4   | .31920+001 |  |
| 5   | .91667+001 |  |
| 6   | .20231+000 |  |
| 7   | .36037+000 |  |
| 8   | .53999+000 |  |
| 9   | .70630+000 |  |
| 10  | .83423+000 |  |
| 11  | .91730+000 |  |
| 12  | .96345+000 |  |
| 13  | .98559+000 |  |
| 14  | .99496+000 |  |
| 15  | .99841+000 |  |
| 16  | .99955+000 |  |
| 17  | .99988+000 |  |
| 18  | .99997+000 |  |
| 19  | .99999+000 |  |
| 20  | 1.00000    |  |
| H = | .34592+005 |  |

U2 = 4

THETA = .00000+000 .10000-001 .20000-001 .30000-001 .40000-001

| -I- | SUM-P(I)   |            |
|-----|------------|------------|
| 0   | 1.00000    | .99800+000 |
| 1   |            | .99601+000 |
| 2   |            | .99402+000 |
| H = | .41667-001 | .99204+000 |
|     | .41750-001 | .99999+000 |
|     |            | .99999+000 |
|     |            | .99997+000 |
|     |            | 1.00000    |
|     |            | 1.00000    |
|     |            | 1.00000    |

THETA = .50000-001 .60000-001 .70000-001 .80000-001 .90000-001

| -I- | SUM-P(I)   |            |
|-----|------------|------------|
| 0   | .99006+000 | .98808+000 |
| 1   | .99996+000 | .99994+000 |
| 2   | 1.00000    | 1.00000    |
| H = | .42085-001 | .98611+000 |
|     | .42169-001 | .99992+000 |
|     |            | .99989+000 |
|     |            | .99987+000 |
|     |            | 1.00000    |
|     |            | 1.00000    |
|     |            | 1.00000    |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 4

| THETA = .10000+000 .11000+000 .12000+000 .13000+000 .14000+000 |              |            |            |            |            |
|--|--------------|------------|------------|------------|------------|
| -I- ----- SUM-P(I) -----                                       |              |            |            |            |            |
| 0  | .98023+000   | .97828+000 | .97633+000 | .97439+000 | .97245+000 |
| 1  | .99984+000   | .99980+000 | .99976+000 | .99972+000 | .99968+000 |
| 2  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H  | = .42507-001 | .42592-001 | .42677-001 | .42762-001 | .42847-001 |
| THETA = .15000+000 .16000+000 .17000+000 .18000+000 .19000+000 |              |            |            |            |            |
| -I- ----- SUM-P(I) -----                                       |              |            |            |            |            |
| 0  | .97052+000   | .96859+000 | .96666+000 | .96474+000 | .96283+000 |
| 1  | .99963+000   | .99958+000 | .99953+000 | .99947+000 | .99942+000 |
| 2  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 3  |              |            |            |            | 1.00000    |
| H  | = .42932-001 | .43018-001 | .43104-001 | .43189-001 | .43275-001 |
| THETA = .20000+000 .21000+000 .22000+000 .23000+000 .24000+000 |              |            |            |            |            |
| -I- ----- SUM-P(I) -----                                       |              |            |            |            |            |
| 0  | .96092+000   | .95901+000 | .95711+000 | .95521+000 | .95332+000 |
| 1  | .99935+000   | .99929+000 | .99922+000 | .99915+000 | .99907+000 |
| 2  | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 3  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H  | = .43361-001 | .43448-001 | .43534-001 | .43620-001 | .43707-001 |
| THETA = .25000+000 .26000+000 .27000+000 .28000+000 .29000+000 |              |            |            |            |            |
| -I- ----- SUM-P(I) -----                                       |              |            |            |            |            |
| 0  | .95143+000   | .94954+000 | .94766+000 | .94578+000 | .94391+000 |
| 1  | .99900+000   | .99892+000 | .99883+000 | .99875+000 | .99866+000 |
| 2  | .99959+000   | .99999+000 | .99999+000 | .99998+000 | .99998+000 |
| 3  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H  | = .43794-001 | .43881-001 | .43968-001 | .44055-001 | .44143-001 |
| THETA = .30000+000 .31000+000 .32000+000 .33000+000 .34000+000 |              |            |            |            |            |
| -I- ----- SUM-P(I) -----                                       |              |            |            |            |            |
| 0  | .94204+000   | .94018+000 | .93832+000 | .93647+000 | .93462+000 |
| 1  | .99857+000   | .99847+000 | .99837+000 | .99827+000 | .99817+000 |
| 2  | .99998+000   | .99998+000 | .99998+000 | .99997+000 | .99997+000 |
| 3  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H  | = .44230-001 | .44318-001 | .44406-001 | .44493-001 | .44582-001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 4

THETA= .35000+000 .36000+000 .37000+000 .38000+000 .39000+000  
 -I-----SUM-P(I)-----  
 0 .93277+000 .93093+000 .92909+000 .92726+000 .92543+000  
 1 .99806+000 .99795+000 .99784+000 .99773+000 .99761+000  
 2 .99997+000 .99997+000 .99996+000 .99996+000 .99996+000  
 3 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .44670-001 .44758-001 .44847-001 .44935-001 .45024-001

THETA= .40000+000 .41000+000 .42000+000 .43000+000 .44000+000  
 -I-----SUM-P(I)-----  
 0 .92360+000 .92178+000 .91996+000 .91815+000 .91634+000  
 1 .99749+000 .99737+000 .99724+000 .99711+000 .99698+000  
 2 .99995+000 .99995+000 .99995+000 .99994+000 .99994+000  
 3 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .45113-001 .45202-001 .45292-001 .45381-001 .45471-001

THETA= .45000+000 .46000+000 .47000+000 .48000+000 .49000+000  
 -I-----SUM-P(I)-----  
 0 .91454+000 .91274+000 .91094+000 .90915+000 .90736+000  
 1 .99685+000 .99671+000 .99657+000 .99643+000 .99628+000  
 2 .99993+000 .99993+000 .99992+000 .99992+000 .99991+000  
 3 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .45560-001 .45650-001 .45740-001 .45830-001 .45921-001

THETA= .50000+000 .60000+000 .70000+000 .80000+000 .90000+000  
 -I-----SUM-P(I)-----  
 0 .90558+000 .88796+000 .87074+000 .85391+000 .83745+000  
 1 .99614+000 .99452+000 .99265+000 .99054+000 .98820+000  
 2 .99991+000 .99984+000 .99976+000 .99964+000 .99950+000  
 3 1.00000 1.00000 1.00000 1.00000 1.00000  
 4 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .46011-001 .46924-001 .47892-001 .48795-001 .49754-001

THETA= .10000+001 .11000+001 .12000+001 .13000+001 .14000+001  
 -I-----SUM-P(I)-----  
 0 .82136+000 .80563+000 .79025+000 .77520+000 .76049+000  
 1 .98564+000 .98287+000 .97991+000 .97676+000 .97343+000  
 2 .99933+000 .99912+000 .99887+000 .99859+000 .99827+000  
 3 .99998+000 .99997+000 .99996+000 .99994+000 .99993+000  
 4 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .50729-001 .51719-001 .52726-001 .53749-001 .54789-001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIRUTION

U2 = 4

| THETA= .15000+001 .16000+001 .17000+001 .18000+001 .19000+001 |  |
|---|--|
| -I-   | SUM-P(I)   |
| 0   | .74610+000 .73202+000 .71825+000 .70477+000 .69159+000   |
| 1   | .95993+000 .96626+000 .96245+000 .95849+000 .95439+000   |
| 2   | .99790+000 .99750+000 .99704+000 .99655+000 .99600+000   |
| 3   | .99990+000 .99988+000 .99985+000 .99981+000 .99977+000   |
| 4   | 1.00000 1.00000 .99999+000 .99999+000 .99999+000         |
| 5   | 1.00000 1.00000 1.00000 1.00000 1.00000                  |
| H   | = .55846-001 .56920-001 .58012-001 .59121-001 .60248-001 |

| THETA= .20000+001 .21000+001 .22000+001 .23000+001 .24000+001 |  |
|---|--|
| -I-   | SUM-P(I)   |
| 0   | .67869+000 .66606+000 .65371+000 .64162+000 .62979+000   |
| 1   | .95016+000 .94581+000 .94134+000 .93677+000 .93208+000   |
| 2   | .99541+000 .99477+000 .99408+000 .99334+000 .99254+000   |
| 3   | .99972+000 .99966+000 .99960+000 .99953+000 .99945+000   |
| 4   | .99999+000 .99998+000 .99998+000 .99998+000 .99997+000   |
| 5   | 1.00000 1.00000 1.00000 1.00000 1.00000                  |
| H   | = .61393-001 .62556-001 .63739-001 .64940-001 .66160-001 |

| THETA= .25000+001 .26000+001 .27000+001 .28000+001 .29000+001 |  |
|---|--|
| -I-   | SUM-P(I)   |
| 0   | .61820+000 .60686+000 .59576+000 .58489+000 .57425+000   |
| 1   | .92730+000 .92243+000 .91747+000 .91243+000 .90732+000   |
| 2   | .99170+000 .99081+000 .98986+000 .98886+000 .98781+000   |
| 3   | .99937+000 .99927+000 .99917+000 .99905+000 .99892+000   |
| 4   | .99997+000 .99996+000 .99995+000 .99994+000 .99993+000   |
| 5   | 1.00000 1.00000 1.00000 1.00000 1.00000                  |
| H   | = .67400-001 .68659-001 .69938-001 .71238-001 .72558-001 |

| THETA= .30000+001 .31000+001 .32000+001 .33000+001 .34000+001 |  |
|---|--|
| -I-   | SUM-P(I)   |
| 0   | .56383+000 .55363+000 .54364+000 .53385+000 .52426+000   |
| 1   | .90213+000 .89688+000 .89156+000 .88619+000 .88076+000   |
| 2   | .98671+000 .98555+000 .98434+000 .98308+000 .98177+000   |
| 3   | .99879+000 .99864+000 .99848+000 .99831+000 .99812+000   |
| 4   | .99992+000 .99991+000 .99989+000 .99988+000 .99986+000   |
| 5   | 1.00000 1.00000 .99999+000 .99999+000 .99999+000         |
| 6   | 1.00000 1.00000 1.00000 1.00000 1.00000                  |
| H   | = .73899-001 .75261-001 .76645-001 .78050-001 .79477-001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIRUTION

U2 = 4

THETA= .35000+001 .36000+001 .37000+001 .38000+001 .39000+001  
 -I-----SUM-P(I)-----  
 0 .51487+000 .50568+000 .49667+000 .48784+000 .47919+000  
 1 .87529+000 .86976+000 .86420+000 .85860+000 .85296+000  
 2 .98041+000 .97899+000 .97752+000 .97600+000 .97444+000  
 3 .99793+000 .99771+000 .99749+000 .99725+000 .99700+000  
 4 .99984+000 .99982+000 .99980+000 .99977+000 .99975+000  
 5 .99999+000 .99999+000 .99999+000 .99999+000 .99998+000  
 6 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .80926-001 .82398-001 .83893-001 .85411-001 .86952-001

THETA= .40000+001 .41000+001 .42000+001 .43000+001 .44000+001  
 -I-----SUM-P(I)-----  
 0 .47072+000 .46242+000 .45428+000 .44631+000 .43849+000  
 1 .84729+000 .84160+000 .83587+000 .83013+000 .82436+000  
 2 .97282+000 .97115+000 .96943+000 .96766+000 .96585+000  
 3 .99673+000 .99644+000 .99614+000 .99583+000 .99549+000  
 4 .99972+000 .99968+000 .99965+000 .99961+000 .99957+000  
 5 .99998+000 .99998+000 .99998+000 .99997+000 .99997+000  
 6 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .88517-001 .90107-001 .91720-001 .93359-001 .95023-001

THETA= .45000+001 .46000+001 .47000+001 .48000+001 .49000+001  
 -I-----SUM-P(I)-----  
 0 .43083+000 .42333+000 .41597+000 .40875+000 .40168+000  
 1 .81858+000 .81278+000 .80698+000 .80116+000 .79533+000  
 2 .96399+000 .96208+000 .96012+000 .95812+000 .95607+000  
 3 .99515+000 .99478+000 .99440+000 .99400+000 .99358+000  
 4 .99953+000 .99948+000 .99943+000 .99938+000 .99932+000  
 5 .99997+000 .99996+000 .99996+000 .99995+000 .99995+000  
 6 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .96712-001 .98427-001 .10017+000 .10194+000 .10373+000

THETA= .50000+001 .52000+001 .54000+001 .56000+001 .58000+001  
 -I-----SUM-P(I)-----  
 0 .39475+000 .38129+000 .36835+000 .35590+000 .34393+000  
 1 .78950+000 .77783+000 .76616+000 .75451+000 .74289+000  
 2 .95398+000 .94966+000 .94518+000 .94053+000 .93572+000  
 3 .99314+000 .99221+000 .99121+000 .99013+000 .98897+000  
 4 .99926+000 .99913+000 .99898+000 .99881+000 .99863+000  
 5 .99994+000 .99993+000 .99991+000 .99989+000 .99987+000  
 6 1.00000 1.00000 1.00000 1.00000 1.00000  
 7 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .10555+000 .10928+000 .11312+000 .11707+000 .12115+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 4

THE TA= .60000+001 .62000+001 .64000+001 .66000+001 .68000+001  
 -I-----SUM-P(I)-----  
 0 .33241+000 .32133+000 .31066+000 .30039+000 .29051+000  
 1 .73130+000 .71978+000 .70831+000 .69691+000 .68560+000  
 2 .93075+000 .92564+000 .92039+000 .91500+000 .90948+000  
 3 .98774+000 .98642+000 .98502+000 .98354+000 .98198+000  
 4 .99842+000 .99820+000 .99795+000 .99768+000 .99738+000  
 5 .99985+000 .99982+000 .99979+000 .99975+000 .99971+000  
 6 .99999+000 .99999+000 .99998+000 .99998+000 .99997+000  
 7 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .12535+000 .12967+000 .13412+000 .13871+000 .14343+000

THE TA= .70000+001 .72000+001 .74000+001 .76000+001 .78000+001  
 -I-----SUM-P(I)-----  
 0 .28099+000 .27182+000 .26298+000 .25447+000 .24627+000  
 1 .67437+000 .66323+000 .65220+000 .64126+000 .63044+000  
 2 .90384+000 .89808+000 .89221+000 .88623+000 .88016+000  
 3 .98033+000 .97860+000 .97679+000 .97489+000 .97291+000  
 4 .99706+000 .99672+000 .99635+000 .99595+000 .99552+000  
 5 .99967+000 .99962+000 .99956+000 .99950+000 .99943+000  
 6 .99997+000 .99996+000 .99996+000 .99995+000 .99994+000  
 7 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .14829+000 .15329+000 .15844+000 .16374+000 .16919+000

THE TA= .80000+001 .82000+001 .84000+001 .86000+001 .88000+001  
 -I-----SUM-P(I)-----  
 0 .23836+000 .23074+000 .22339+000 .21630+000 .20946+000  
 1 .61973+000 .60914+000 .59868+000 .58833+000 .57811+000  
 2 .87398+000 .86772+000 .86138+000 .85496+000 .84846+000  
 3 .97084+000 .96869+000 .96646+000 .96415+000 .96175+000  
 4 .99506+000 .99457+000 .99404+000 .99349+000 .99290+000  
 5 .99936+000 .99928+000 .99919+000 .99910+000 .99899+000  
 6 .99994+000 .99993+000 .99991+000 .99990+000 .99989+000  
 7 .99999+000 .99999+000 .99999+000 .99999+000 .99999+000  
 8 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .17481+000 .18058+000 .18552+000 .19263+000 .19892+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 4

| THETA = | .90000+001 | .92000+001 | .94000+001 | .96000+001 | .98000+001 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .20287+000 | .19650+000 | .19036+000 | .18444+000 | .17871+000 |
| 1       | .56803+000 | .55807+000 | .54824+000 | .53855+000 | .52900+000 |
| 2       | .84190+000 | .83527+000 | .82858+000 | .82185+000 | .81506+000 |
| 3       | .95927+000 | .95671+000 | .95407+000 | .95135+000 | .94855+000 |
| 4       | .99228+000 | .99162+000 | .99093+000 | .99020+000 | .98944+000 |
| 5       | .99888+000 | .99876+000 | .99863+000 | .99849+000 | .99834+000 |
| 6       | .99987+000 | .99986+000 | .99984+000 | .99982+000 | .99979+000 |
| 7       | .99999+000 | .99999+000 | .99998+000 | .99998+000 | .99998+000 |
| 8       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .20539+000 | .21204+000 | .21888+000 | .22591+000 | .23315+000 |

| THETA = | .10000+002 | .10200+002 | .10400+002 | .10600+002 | .10800+002 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .17319+000 | .16786+000 | .16271+000 | .15773+000 | .15293+000 |
| 1       | .51957+000 | .51029+000 | .50114+000 | .49213+000 | .48325+000 |
| 2       | .80823+000 | .80135+000 | .79445+000 | .78751+000 | .78054+000 |
| 3       | .94568+000 | .94273+000 | .93970+000 | .93661+000 | .93343+000 |
| 4       | .98863+000 | .98779+000 | .98691+000 | .98599+000 | .98504+000 |
| 5       | .99818+000 | .99801+000 | .99782+000 | .99763+000 | .99742+000 |
| 6       | .99977+000 | .99974+000 | .99971+000 | .99968+000 | .99965+000 |
| 7       | .99998+000 | .99997+000 | .99997+000 | .99997+000 | .99996+000 |
| 8       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .24058+000 | .24823+000 | .25608+000 | .26416+000 | .27246+000 |

| THETA = | .11000+002 | .11200+002 | .11400+002 | .11600+002 | .11800+002 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .14828+000 | .14380+000 | .13946+000 | .13527+000 | .13122+000 |
| 1       | .47451+000 | .46591+000 | .45744+000 | .44910+000 | .44090+000 |
| 2       | .77355+000 | .76654+000 | .75951+000 | .75247+000 | .74542+000 |
| 3       | .93019+000 | .92688+000 | .92350+000 | .92005+000 | .91654+000 |
| 4       | .98404+000 | .98300+000 | .98192+000 | .98080+000 | .97963+000 |
| 5       | .99720+000 | .99696+000 | .99672+000 | .99646+000 | .99618+000 |
| 6       | .99961+000 | .99957+000 | .99953+000 | .99948+000 | .99943+000 |
| 7       | .99996+000 | .99995+000 | .99995+000 | .99994+000 | .99993+000 |
| 8       | 1.00000    | 1.00000    | .99999+000 | .99999+000 | .99999+000 |
| 9       |            |            | 1.00000    | 1.00000    | 1.00000    |
| H =     | .28099+000 | .28976+000 | .29877+000 | .30802+000 | .31753+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 4

| THETA = | .12000+002 | .12200+002 | .12400+002 | .12600+002 | .12800+002 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .12730+000 | .12352+000 | .11986+000 | .11631+000 | .11289+000 |
| 1       | .43284+000 | .42490+000 | .41710+000 | .40943+000 | .40188+000 |
| 2       | .73837+000 | .73131+000 | .72425+000 | .71719+000 | .71014+000 |
| 3       | .91296+000 | .90932+000 | .90562+000 | .90185+000 | .89803+000 |
| 4       | .97843+000 | .97718+000 | .97589+000 | .97456+000 | .97319+000 |
| 5       | .99589+000 | .99558+000 | .99526+000 | .99492+000 | .99457+000 |
| 6       | .99938+000 | .99932+000 | .99926+000 | .99920+000 | .99913+000 |
| 7       | .99992+000 | .99992+000 | .99991+000 | .99990+000 | .99989+000 |
| 8       | .99999+000 | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 9       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .32730+000 | .33733+000 | .34764+000 | .35823+000 | .36910+000 |

| THETA = | .13000+002 | .13200+002 | .13400+002 | .13600+002 | .13800+002 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .10957+000 | .10637+000 | .10326+000 | .10026+000 | .97354-001 |
| 1       | .39447+000 | .38718+000 | .38001+000 | .37297+000 | .36605+000 |
| 2       | .76310+000 | .69607+000 | .68905+000 | .68204+000 | .67505+000 |
| 3       | .89416+000 | .89022+000 | .88624+000 | .88220+000 | .87811+000 |
| 4       | .97177+000 | .97032+000 | .96881+000 | .96727+000 | .96568+000 |
| 5       | .99420+000 | .99381+000 | .99340+000 | .99298+000 | .99254+000 |
| 6       | .99906+000 | .99898+000 | .99889+000 | .99881+000 | .99871+000 |
| 7       | .99988+000 | .99986+000 | .99985+000 | .99984+000 | .99982+000 |
| 8       | .99999+000 | .99998+000 | .99998+000 | .99998+000 | .99998+000 |
| 9       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .38026+000 | .39173+000 | .40350+000 | .41558+000 | .42799+000 |

| THETA = | .14000+002 | .14200+002 | .14400+002 | .14600+002 | .14800+002 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .94541-001 | .91817-001 | .89180-001 | .86626-001 | .84153-001 |
| 1       | .35925+000 | .35258+000 | .34502+000 | .33957+000 | .33324+000 |
| 2       | .66809+000 | .66214+000 | .65422+000 | .64733+000 | .64046+000 |
| 3       | .87398+000 | .86979+000 | .86556+000 | .86129+000 | .85697+000 |
| 4       | .96405+000 | .96238+000 | .96066+000 | .95891+000 | .95711+000 |
| 5       | .99208+000 | .99160+000 | .99110+000 | .99058+000 | .99004+000 |
| 6       | .99861+000 | .99851+000 | .99840+000 | .99829+000 | .99816+000 |
| 7       | .99980+000 | .99979+000 | .99977+000 | .99975+000 | .99973+000 |
| 8       | .99998+000 | .99997+000 | .99997+000 | .99997+000 | .99997+000 |
| 9       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .44073+000 | .45380+000 | .46722+000 | .48100+000 | .49513+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 4

| THETA = | .15000+002 | .15500+002 | .16000+002 | .16500+002 | .17000+002 |
|---------|------------|------------|------------|------------|------------|
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .81757-001 | .76092-001 | .70856-001 | .66015-001 | .61538-001 |
| 1       | .32703+000 | .31198+000 | .29760+000 | .28387+000 | .27076+000 |
| 2       | .63362+000 | .61666+000 | .59992+000 | .58341+000 | .56716+000 |
| 3       | .85261+000 | .84155+000 | .83026+000 | .81877+000 | .80710+000 |
| 4       | .95526+000 | .95047+000 | .94543+000 | .94012+000 | .93457+000 |
| 5       | .98948+000 | .98799+000 | .98637+000 | .98462+000 | .98272+000 |
| 6       | .99804+000 | .99769+000 | .99729+000 | .99686+000 | .99637+000 |
| 7       | .99970+000 | .99964+000 | .99956+000 | .99948+000 | .99938+000 |
| 8       | .99996+000 | .99995+000 | .99994+000 | .99993+000 | .99991+000 |
| 9       | 1.00000    | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 10      |            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .50964+000 | .54758+000 | .58804+000 | .63117+000 | .67711+000 |

| THETA = | .17500+002 | .18000+002 | .18500+002 | .19000+002 | .19500+002 |
|---------|------------|------------|------------|------------|------------|
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .57389-001 | .53547-001 | .49986-001 | .46683-001 | .43618-001 |
| 1       | .25825+000 | .24632+000 | .23493+000 | .22408+000 | .21373+000 |
| 2       | .55117+000 | .53547+000 | .52006+000 | .50496+000 | .49016+000 |
| 3       | .79528+000 | .73332+000 | .77125+000 | .75908+000 | .74684+000 |
| 4       | .92877+000 | .92273+000 | .91646+000 | .90997+000 | .90326+000 |
| 5       | .98068+000 | .97850+000 | .97616+000 | .97368+000 | .97104+000 |
| 6       | .99582+000 | .99523+000 | .99457+000 | .99385+000 | .99307+000 |
| 7       | .99927+000 | .99914+000 | .99899+000 | .99883+000 | .99865+000 |
| 8       | .99989+000 | .99987+000 | .99985+000 | .99982+000 | .99978+000 |
| 9       | .99999+000 | .99998+000 | .99998+000 | .99998+000 | .99997+000 |
| 10      | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .72604+000 | .77813+000 | .83357+000 | .89254+000 | .95526+000 |

| THETA = | .20000+002 | .21000+002 | .22000+002 | .23000+002 | .24000+002 |
|---------|------------|------------|------------|------------|------------|
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .40772-001 | .35671-001 | .31260-001 | .27437-001 | .24119-001 |
| 1       | .20386+000 | .18549+000 | .16880+000 | .15365+000 | .13939+000 |
| 2       | .47568+000 | .44767+000 | .42096+000 | .39555+000 | .37143+000 |
| 3       | .73455+000 | .70985+000 | .68513+000 | .66049+000 | .63604+000 |
| 4       | .89634+000 | .88191+000 | .86675+000 | .85092+000 | .83451+000 |
| 5       | .96825+000 | .96220+000 | .95554+000 | .94825+000 | .94035+000 |
| 6       | .99222+000 | .99031+000 | .98809+000 | .98556+000 | .98269+000 |
| 7       | .99845+000 | .99797+000 | .99740+000 | .99671+000 | .99589+000 |
| 8       | .99974+000 | .99965+000 | .99953+000 | .99938+000 | .99919+000 |
| 9       | .99996+000 | .99995+000 | .99993+000 | .99990+000 | .99986+000 |
| 10      | 1.00000    | .99999+000 | .99999+000 | .99999+000 | .99998+000 |
| 11      |            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .10219+001 | .11681+001 | .13329+001 | .15186+001 | .17276+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 4

|     | THETA= .25000+002 | .30000+002 | .35000+002 | .40000+002 | .45000+002 |
|-----|-------------------|------------|------------|------------|------------|
| -I- | SUM-P(I)          |            |            |            |            |
| 0   | .21233-001        | .11455-001 | .63666-002 | .36294-002 | .21153-002 |
| 1   | .12740+000        | .80188-001 | .50933-001 | .32665-001 | .21153-001 |
| 2   | .34857+000        | .25202+000 | .18092+000 | .12945+000 | .92543-001 |
| 3   | .61187+000        | .49749+000 | .39756+000 | .31380+000 | .24552+000 |
| 4   | .81758+000        | .72762+000 | .63451+000 | .54424+000 | .46065+000 |
| 5   | .93186+000        | .88104+000 | .81881+000 | .74908+000 | .67577+000 |
| 6   | .97947+000        | .95775+000 | .92631+000 | .88563+000 | .83712+000 |
| 7   | .99493+000        | .98764+000 | .97518+000 | .95657+000 | .93141+000 |
| 8   | .99896+000        | .99698+000 | .99299+000 | .98613+000 | .97561+000 |
| 9   | .99982+000        | .99938+000 | .99832+000 | .99624+000 | .99261+000 |
| 10  | .99997+000        | .99989+000 | .99966+000 | .99912+000 | .99807+000 |
| 11  | 1.00000           | .99998+000 | .99994+000 | .99982+000 | .99956+000 |
| 12  |                   | 1.00000    | .99999+000 | .99997+000 | .99991+000 |
| 13  |                   |            | 1.00000    | 1.00000    | .99998+000 |
| 14  |                   |            |            |            | 1.00000    |
| H   | = .19624+001      | .36373+001 | .65446+001 | .11480+002 | .19698+002 |

|     | THETA= .50000+002 | .55000+002 | .60000+002 | .65000+002 | .70000+002 |
|-----|-------------------|------------|------------|------------|------------|
| -I- | SUM-P(I)          |            |            |            |            |
| 0   | .12570-002        | .76006-003 | .46679-003 | .29074-003 | .18344-003 |
| 1   | .13827-001        | .91207-002 | .60682-002 | .40704-002 | .27515-002 |
| 2   | .66203-001        | .47440-001 | .34075-001 | .24544-001 | .17732-001 |
| 3   | .19091+000        | .14780+000 | .11410+000 | .87913-001 | .67668-001 |
| 4   | .38576+000        | .32030+000 | .26413+000 | .21653+000 | .17690+000 |
| 5   | .60226+000        | .53113+000 | .46418+000 | .40256+000 | .34682+000 |
| 6   | .78268+000        | .72438+000 | .66424+000 | .60398+000 | .54506+000 |
| 7   | .89983+000        | .86243+000 | .82012+000 | .77401+000 | .72528+000 |
| 8   | .96085+000        | .94151+000 | .91755+000 | .88914+000 | .85668+000 |
| 9   | .98692+000        | .97869+000 | .96751+000 | .95310+000 | .93530+000 |
| 10  | .99624+000        | .99330+000 | .98892+000 | .98279+000 | .97462+000 |
| 11  | .99906+000        | .99816+000 | .99671+000 | .99449+000 | .99129+000 |
| 12  | .99979+000        | .99956+000 | .99914+000 | .99845+000 | .99737+000 |
| 13  | .99996+000        | .99991+000 | .99980+000 | .99961+000 | .99930+000 |
| 14  | .99999+000        | .99998+000 | .99996+000 | .99991+000 | .99983+000 |
| 15  | 1.00000           | 1.00000    | .99999+000 | .99998+000 | .99996+000 |
| 16  |                   |            | 1.00000    | 1.00000    | .99999+000 |
| 17  |                   |            |            |            | 1.00000    |
| H   | = .33147+002      | .54820+002 | .89263+002 | .14331+003 | .22715+003 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 4

|         |                    |            |            |            |            |
|---------|--------------------|------------|------------|------------|------------|
| THETA = | .75000+002         | .80000+002 | .85000+002 | .90000+002 | .95000+002 |
| -I-     | -----SUM-P(I)----- |            |            |            |            |
| 0       | .11711-003         | .75576-004 | .49267-004 | .32418-004 | .21518-004 |
| 1       | .18737-002         | .12848-002 | .88681-003 | .61595-003 | .43036-003 |
| 2       | .12852-001         | .93463-002 | .68194-002 | .49924-002 | .36671-002 |
| 3       | .52062-001         | .40057-001 | .30832-001 | .23749-001 | .18309-001 |
| 4       | .14396+000         | .11683+000 | .94617+001 | .76501+001 | .61778+001 |
| 5       | .29712+000         | .25332+000 | .21510+000 | .18200+000 | .15355+000 |
| 6       | .48857+000         | .43531+000 | .38578+000 | .34026+000 | .29885+000 |
| 7       | .67505+000         | .62439+000 | .57420+000 | .52524+000 | .47811+000 |
| 8       | .82074+000         | .78195+000 | .74102+000 | .69865+000 | .65551+000 |
| 9       | .91413+000         | .88969+000 | .86222+000 | .83205+000 | .79955+000 |
| 10      | .96416+000         | .95125+000 | .93581+000 | .91780+000 | .89729+000 |
| 11      | .98690+000         | .98110+000 | .97371+000 | .96457+000 | .95357+000 |
| 12      | .99578+000         | .99354+000 | .99049+000 | .98650+000 | .98141+000 |
| 13      | .99880+000         | .99804+000 | .99695+000 | .99543+000 | .99338+000 |
| 14      | .99969+000         | .99947+000 | .99913+000 | .99862+000 | .99789+000 |
| 15      | .99993+000         | .99987+000 | .99978+000 | .99963+000 | .99940+000 |
| 16      | .99999+000         | .99997+000 | .99995+000 | .99991+000 | .99984+000 |
| 17      | 1.00000            | .99999+000 | .99999+000 | .99998+000 | .99996+000 |
| 18      |                    | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 19      |                    |            |            |            | 1.00000    |
| H =     | .35580+003         | .55132+003 | .84573+003 | .12853+004 | .19363+004 |

THETA = .10000+003

|     |                    |  |  |  |  |
|-----|--------------------|--|--|--|--|
| -I- | -----SUM-P(I)----- |  |  |  |  |
| 0   | .14400-004         |  |  |  |  |
| 1   | .30240-003         |  |  |  |  |
| 2   | .27024-002         |  |  |  |  |
| 3   | .14131-001         |  |  |  |  |
| 4   | .49845-001         |  |  |  |  |
| 5   | .12921+000         |  |  |  |  |
| 6   | .26149+000         |  |  |  |  |
| 7   | .43327+000         |  |  |  |  |
| 8   | .61222+000         |  |  |  |  |
| 9   | .76516+000         |  |  |  |  |
| 10  | .87441+000         |  |  |  |  |
| 11  | .94062+000         |  |  |  |  |
| 12  | .97510+000         |  |  |  |  |
| 13  | .99070+000         |  |  |  |  |
| 14  | .99690+000         |  |  |  |  |
| 15  | .99907+000         |  |  |  |  |
| 16  | .99975+000         |  |  |  |  |
| 17  | .99994+000         |  |  |  |  |
| 18  | .99999+000         |  |  |  |  |
| 19  | 1.00000            |  |  |  |  |
| H = | .28935+004         |  |  |  |  |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 5

THETA= .00000+000 .10000-001 .20000-001 .30000-001 .40000-001  
 -I-----SUM-P(I)-----  
 0 1.00000 .99833+000 .99667+000 .99501+000 .99336+000  
 1 1.00000 1.00000 .99999+000 .99998+000 .99998+000  
 2 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .83333-002 .83472-002 .83612-002 .83751-002 .83890-002

THETA= .50000-001 .60000-001 .70000-001 .80000-001 .90000-001  
 -I-----SUM-P(I)-----  
 0 .99171+000 .99006+000 .98841+000 .98677+000 .98513+000  
 1 .99997+000 .99996+000 .99994+000 .99992+000 .99990+000  
 2 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .84030-002 .84170-002 .84310-002 .84451-002 .84591-002

THETA= .10000+000 .11000+000 .12000+000 .13000+000 .14000+000  
 -I-----SUM-P(I)-----  
 0 .98349+000 .98186+000 .98023+000 .97860+000 .97697+000  
 1 .99988+000 .99986+000 .99983+000 .99980+000 .99977+000  
 2 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .84732-002 .84873-002 .85014-002 .85156-002 .85297-002

THETA= .15000+000 .16000+000 .17000+000 .18000+000 .19000+000  
 -I-----SUM-P(I)-----  
 0 .97535+000 .97373+000 .97212+000 .97051+000 .96890+000  
 1 .99974+000 .99970+000 .99966+000 .99962+000 .99958+000  
 2 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .85439-002 .85581-002 .85723-002 .85866-002 .86008-002

THETA= .20000+000 .21000+000 .22000+000 .23000+000 .24000+000  
 -I-----SUM-P(I)-----  
 0 .96729+000 .96569+000 .96409+000 .96249+000 .96090+000  
 1 .99954+000 .99949+000 .99944+000 .99939+000 .99933+000  
 2 1.00000 1.00000 1.00000 1.00000 1.00000  
 3 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .86151-002 .86294-002 .86437-002 .86581-002 .86724-002

THETA= .25000+000 .26000+000 .27000+000 .28000+000 .29000+000  
 -I-----SUM-P(I)-----  
 0 .95931+000 .95772+000 .95613+000 .95455+000 .95297+000  
 1 .99928+000 .99922+000 .99916+000 .99910+000 .99903+000  
 2 .99999+000 .99999+000 .99999+000 .99999+000 .99999+000  
 3 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .86868-002 .87012-002 .87156-002 .87301-002 .87446-002

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 5

| THETA = | .30000+000 | .31000+000 | .32000+000 | .33000+000 | .34000+000 |
|---------|------------|------------|------------|------------|------------|
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .95140+000 | .94982+000 | .94825+000 | .94669+000 | .94512+000 |
| 1       | .99897+000 | .99890+000 | .99883+000 | .99876+000 | .99868+000 |
| 2       | .99999+000 | .99999+000 | .99998+000 | .99998+000 | .99998+000 |
| 3       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .87590-002 | .87735-002 | .87881-002 | .88026-002 | .88172-002 |
| THETA = | .35000+000 | .36000+000 | .37000+000 | .38000+000 | .39000+000 |
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .94356+000 | .94200+000 | .94045+000 | .93890+000 | .93735+000 |
| 1       | .99860+000 | .99852+000 | .99844+000 | .99836+000 | .99827+000 |
| 2       | .99998+000 | .99998+000 | .99998+000 | .99997+000 | .99997+000 |
| 3       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .88318-002 | .88464-002 | .88610-002 | .88757-002 | .88903-002 |
| THETA = | .40000+000 | .41000+000 | .42000+000 | .43000+000 | .44000+000 |
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .93580+000 | .93426+000 | .93272+000 | .93118+000 | .92964+000 |
| 1       | .99819+000 | .99810+000 | .99801+000 | .99791+000 | .99782+000 |
| 2       | .99997+000 | .99997+000 | .99997+000 | .99996+000 | .99996+000 |
| 3       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .89050-002 | .89197-002 | .89345-002 | .89492-002 | .89640-002 |
| THETA = | .45000+000 | .46000+000 | .47000+000 | .48000+000 | .49000+000 |
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .92811+000 | .92658+000 | .92506+000 | .92353+000 | .92201+000 |
| 1       | .99772+000 | .99762+000 | .99752+000 | .99742+000 | .99731+000 |
| 2       | .99996+000 | .99995+000 | .99995+000 | .99995+000 | .99995+000 |
| 3       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .89788-002 | .89936-002 | .90085-002 | .90233-002 | .90382-002 |
| THETA = | .50000+000 | .60000+000 | .70000+000 | .80000+000 | .90000+000 |
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .92049+000 | .90547+000 | .89073+000 | .87626+000 | .86206+000 |
| 1       | .99720+000 | .99602+000 | .99465+000 | .99310+000 | .99137+000 |
| 2       | .99994+000 | .99990+000 | .99985+000 | .99977+000 | .99968+000 |
| 3       | 1.00000    | 1.00000    | 1.00000    | .99999+000 | .99999+000 |
| 4       |            |            |            | 1.00000    | 1.00000    |
| H =     | .90531-002 | .92033-002 | .93556-002 | .95101-002 | .96668-002 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 5

| THETA= .10000+001 .11000+001 .12000+001 .13000+001 .14000+001 |              |            |            |            |            |
|---|--------------|------------|------------|------------|------------|
| -I-----SUM-P(I)-----  |              |            |            |            |            |
| 0   | .84812+000   | .83443+000 | .82100+000 | .80781+000 | .79486+000 |
| 1   | .98947+000   | .98741+000 | .98520+000 | .98283+000 | .98033+000 |
| 2   | .99957+000   | .99943+000 | .99927+000 | .99909+000 | .99887+000 |
| 3   | .99999+000   | .99998+000 | .99996+000 | .99997+000 | .99996+000 |
| 4   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .98257-002 | .99868-002 | .10150-001 | .10316-001 | .10484-001 |
| THETA= .15000+001 .16000+001 .17000+001 .18000+001 .19000+001 |              |            |            |            |            |
| -I-----SUM-P(I)-----  |              |            |            |            |            |
| 0   | .78215+000   | .76966+000 | .75742+000 | .74537+000 | .73355+000 |
| 1   | .97768+000   | .97491+000 | .97201+000 | .96898+000 | .96584+000 |
| 2   | .99863+000   | .99836+000 | .99806+000 | .99773+000 | .99737+000 |
| 3   | .99994+000   | .99993+000 | .99991+000 | .99989+000 | .99986+000 |
| 4   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 5   |              |            |            |            | 1.00000    |
| H   | = .10654-001 | .10827-001 | .11002-001 | .11180-001 | .11360-001 |
| THETA= .20000+001 .21000+001 .22000+001 .23000+001 .24000+001 |              |            |            |            |            |
| -I-----SUM-P(I)-----  |              |            |            |            |            |
| 0   | .72194+000   | .71054+000 | .69935+000 | .68835+000 | .67755+000 |
| 1   | .95259+000   | .95923+000 | .95577+000 | .95222+000 | .94857+000 |
| 2   | .99697+000   | .99654+000 | .99607+000 | .99557+000 | .99503+000 |
| 3   | .99983+000   | .99980+000 | .99976+000 | .99972+000 | .99967+000 |
| 4   | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99998+000 |
| 5   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .11543-001 | .11728-001 | .11916-001 | .12106-001 | .12299-001 |
| THETA= .25000+001 .26000+001 .27000+001 .28000+001 .29000+001 |              |            |            |            |            |
| -I-----SUM-P(I)-----  |              |            |            |            |            |
| 0   | .66694+000   | .65652+000 | .64628+000 | .63622+000 | .62634+000 |
| 1   | .94483+000   | .94101+000 | .93710+000 | .93312+000 | .92907+000 |
| 2   | .99445+000   | .99384+000 | .99319+000 | .99250+000 | .99178+000 |
| 3   | .99962+000   | .99956+000 | .99950+000 | .99943+000 | .99935+000 |
| 4   | .99998+000   | .99998+000 | .99997+000 | .99997+000 | .99996+000 |
| 5   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .12495-001 | .12693-001 | .12894-001 | .13098-001 | .13305-001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 5

| THETA = .30000+001 |              | .31000+001 | .32000+001 | .33000+001 | .34000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .61663+000   | .60709+000 | .59772+000 | .58851+000 | .57946+000 |
| 1                  | .92494+000   | .92075+000 | .91650+000 | .91219+000 | .90782+000 |
| 2                  | .99101+000   | .99021+000 | .98936+000 | .98848+000 | .98756+000 |
| 3                  | .99927+000   | .99918+000 | .99908+000 | .99897+000 | .99886+000 |
| 4                  | .99996+000   | .99995+000 | .99994+000 | .99993+000 | .99992+000 |
| 5                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .13514-001 | .13727-001 | .13942-001 | .14160-001 | .14381-001 |
| THETA = .35000+001 |              | .36000+001 | .37000+001 | .38000+001 | .39000+001 |
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .57056+000   | .56182+000 | .55323+000 | .54479+000 | .53650+000 |
| 1                  | .90339+000   | .89892+000 | .89440+000 | .88983+000 | .88522+000 |
| 2                  | .98660+000   | .98560+000 | .98456+000 | .98348+000 | .98236+000 |
| 3                  | .99873+000   | .99860+000 | .99846+000 | .99831+000 | .99815+000 |
| 4                  | .99991+000   | .99990+000 | .99989+000 | .99987+000 | .99986+000 |
| 5                  | 1.00000      | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 6                  |              | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .14605-001 | .14833-001 | .15063-001 | .15296-001 | .15533-001 |
| THETA = .40000+001 |              | .41000+001 | .42000+001 | .43000+001 | .44000+001 |
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .52834+000   | .52033+000 | .51245+000 | .50470+000 | .49709+000 |
| 1                  | .88057+000   | .87588+000 | .87116+000 | .86641+000 | .86162+000 |
| 2                  | .98121+000   | .98001+000 | .97877+000 | .97750+000 | .97619+000 |
| 3                  | .99798+000   | .99780+000 | .99761+000 | .99740+000 | .99719+000 |
| 4                  | .99984+000   | .99982+000 | .99980+000 | .99978+000 | .99976+000 |
| 5                  | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99998+000 |
| 6                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .15773-001 | .16016-001 | .16262-001 | .16511-001 | .16764-001 |
| THETA = .45000+001 |              | .46000+001 | .47000+001 | .48000+001 | .49000+001 |
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .48960+000   | .48225+000 | .47501+000 | .46790+000 | .46091+000 |
| 1                  | .85681+000   | .85197+000 | .84710+000 | .84222+000 | .83731+000 |
| 2                  | .97484+000   | .97345+000 | .97202+000 | .97056+000 | .96905+000 |
| 3                  | .99697+000   | .99673+000 | .99648+000 | .99622+000 | .99595+000 |
| 4                  | .99973+000   | .99971+000 | .99968+000 | .99965+000 | .99961+000 |
| 5                  | .99998+000   | .99998+000 | .99998+000 | .99997+000 | .99997+000 |
| 6                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .17021-001 | .17280-001 | .17543-001 | .17810-001 | .18080-001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 5

| THETA = | .50000+001 | .52000+001 | .54000+001 | .56000+001 | .58000+001 |
|---------|------------|------------|------------|------------|------------|
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .45403+000 | .44062+000 | .42765+000 | .41511+000 | .40298+000 |
| 1       | .83239+000 | .82249+000 | .81254+000 | .80255+000 | .79253+000 |
| 2       | .96752+000 | .96433+000 | .96150+000 | .95753+000 | .95392+000 |
| 3       | .99567+000 | .99506+000 | .99440+000 | .99369+000 | .99292+000 |
| 4       | .99958+000 | .99950+000 | .99941+000 | .99931+000 | .99920+000 |
| 5       | .99997+000 | .99996+000 | .99995+000 | .99994+000 | .99993+000 |
| 6       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .18354-001 | .18913-001 | .19486-001 | .20075-001 | .20679-001 |

| THETA = | .60000+001 | .62000+001 | .64000+001 | .66000+001 | .68000+001 |
|---------|------------|------------|------------|------------|------------|
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .39125+000 | .37989+000 | .36891+000 | .35828+000 | .34798+000 |
| 1       | .78250+000 | .77245+000 | .76241+000 | .75238+000 | .74237+000 |
| 2       | .95017+000 | .94630+000 | .94230+000 | .93817+000 | .93392+000 |
| 3       | .99209+000 | .99121+000 | .99027+000 | .98926+000 | .98820+000 |
| 4       | .99908+000 | .99894+000 | .99879+000 | .99863+000 | .99845+000 |
| 5       | .99992+000 | .99990+000 | .99989+000 | .99987+000 | .99984+000 |
| 6       | .99999+000 | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 7       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .21299-001 | .21936-001 | .22589-001 | .23260-001 | .23947-001 |

| THETA = | .70000+001 | .72000+001 | .74000+001 | .76000+001 | .78000+001 |
|---------|------------|------------|------------|------------|------------|
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .33802+000 | .32838+000 | .31904+000 | .30999+000 | .30123+000 |
| 1       | .73238+000 | .72243+000 | .71252+000 | .70265+000 | .69284+000 |
| 2       | .92956+000 | .92508+000 | .92050+000 | .91581+000 | .91102+000 |
| 3       | .98707+000 | .98588+000 | .98463+000 | .98331+000 | .98193+000 |
| 4       | .99825+000 | .99804+000 | .99781+000 | .99756+000 | .99729+000 |
| 5       | .99982+000 | .99979+000 | .99976+000 | .99973+000 | .99969+000 |
| 6       | .99999+000 | .99998+000 | .99998+000 | .99998+000 | .99997+000 |
| 7       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .24653-001 | .25377-001 | .26120-001 | .26882-001 | .27664-001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSSEL DISTRIBUTION

U2 = 5

THETA= .80000+001 .82000+001 .84000+001 .86000+001 .88000+001  
 -I-----SUM-P(I)-----  
 0 .29275+000 .28453+000 .27657+000 .26885+000 .26137+000  
 1 .68308+000 .67339+000 .66376+000 .65421+000 .64472+000  
 2 .90613+000 .90115+000 .89608+000 .89092+000 .88558+000  
 3 .98048+000 .97897+000 .97739+000 .97575+000 .97404+000  
 4 .99700+000 .99669+000 .99636+000 .99601+000 .99563+000  
 5 .99965+000 .99960+000 .99955+000 .99950+000 .99944+000  
 6 .99997+000 .99996+000 .99996+000 .99995+000 .99994+000  
 7 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .28466-001 .29288-001 .30131-001 .30996-001 .31883-001

THETA= .90000+001 .92000+001 .94000+001 .96000+001 .98000+001  
 -I-----SUM-P(I)-----  
 0 .25413+000 .24710+000 .24029+000 .23369+000 .22729+000  
 1 .63532+000 .62599+000 .61675+000 .60759+000 .59853+000  
 2 .88037+000 .87498+000 .86951+000 .86398+000 .85839+000  
 3 .97226+000 .97042+000 .96851+000 .96654+000 .96450+000  
 4 .99523+000 .99481+000 .99436+000 .99389+000 .99339+000  
 5 .99937+000 .99930+000 .99922+000 .99914+000 .99905+000  
 6 .99993+000 .99992+000 .99991+000 .99990+000 .99989+000  
 7 .99999+000 .99999+000 .99999+000 .99999+000 .99999+000  
 8 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .32792-001 .33724-001 .34680-001 .35660-001 .36664-001

THETA= .10000+002 .10200+002 .10400+002 .10600+002 .10800+002  
 -I-----SUM-P(I)-----  
 0 .22108+000 .21506+000 .20922+000 .20356+000 .19806+000  
 1 .58955+000 .58066+000 .57187+000 .56317+000 .55457+000  
 2 .85274+000 .84703+000 .84127+000 .83545+000 .82959+000  
 3 .96240+000 .96023+000 .95800+000 .95571+000 .95335+000  
 4 .99286+000 .99231+000 .99173+000 .99112+000 .99048+000  
 5 .99856+000 .99885+000 .99874+000 .99863+000 .99850+000  
 6 .99988+000 .99986+000 .99985+000 .99983+000 .99981+000  
 7 .99999+000 .99999+000 .99999+000 .99998+000 .99998+000  
 8 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .37694-001 .38749-001 .39830-001 .40939-001 .42075-001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = S

THETA= .11000+002 .11200+002 .11400+002 .11600+002 .11800+002  
 -I-----SUM-P(I)-----  
 0 .19273+000 .18756+000 .18254+000 .17766+000 .17294+000  
 1 .54607+000 .53766+000 .52935+000 .52115+000 .51304+000  
 2 .82369+000 .81775+000 .81176+000 .80575+000 .79970+000  
 3 .95093+000 .94845+000 .94591+000 .94331+000 .94064+000  
 4 .98981+000 .98912+000 .98839+000 .98763+000 .98684+000  
 5 .99837+000 .99822+000 .99807+000 .99791+000 .99774+000  
 6 .99979+000 .99977+000 .99975+000 .99972+000 .99969+000  
 7 .99998+000 .99998+000 .99997+000 .99997+000 .99997+000  
 8 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .43239-001 .44431-001 .45693-001 .46905-001 .48188-001

THETA= .12000+002 .12200+002 .12400+002 .12600+002 .12800+002  
 -I-----SUM-P(I)-----  
 0 .16834+000 .16389+000 .15956+000 .15536+000 .15128+000  
 1 .50503+000 .49713+000 .48932+000 .48162+000 .47402+000  
 2 .79363+000 .78752+000 .78140+000 .77525+000 .76909+000  
 3 .93792+000 .93514+000 .93230+000 .92941+000 .92646+000  
 4 .98602+000 .98517+000 .98428+000 .98337+000 .98242+000  
 5 .99756+000 .99737+000 .99717+000 .99696+000 .99674+000  
 6 .99966+000 .99963+000 .99960+000 .99956+000 .99952+000  
 7 .99996+000 .99996+000 .99995+000 .99995+000 .99994+000  
 8 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .49502-001 .50848-001 .52226-001 .53638-001 .55085-001

THETA= .13000+002 .13200+002 .13400+002 .13600+002 .13800+002  
 -I-----SUM-P(I)-----  
 0 .14732+000 .14347+000 .13974+000 .13611+000 .13258+000  
 1 .46652+000 .45911+000 .45181+000 .44461+000 .43751+000  
 2 .76291+000 .75672+000 .75052+000 .74430+000 .73809+000  
 3 .92346+000 .92040+000 .91729+000 .91413+000 .91092+000  
 4 .98143+000 .98042+000 .97937+000 .97829+000 .97717+000  
 5 .99651+000 .99626+000 .99601+000 .99574+000 .99546+000  
 6 .99948+000 .99943+000 .99938+000 .99933+000 .99928+000  
 7 .99994+000 .99993+000 .99992+000 .99991+000 .99991+000  
 8 .99999+000 .99999+000 .99999+000 .99999+000 .99999+000  
 9 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .56566-001 .58083-001 .59636-001 .61227-001 .62856-001

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 5

| THETA | .14000+002   | .14200+002 | .14400+002 | .14600+002 | .14800+002 |
|-------|--------------|------------|------------|------------|------------|
| -I-   |              |            | SUM-P(I)   |            |            |
| 0     | .12915+000   | .12582+000 | .12259+000 | .11944+000 | .11639+000 |
| 1     | .43051+000   | .42360+000 | .41680+000 | .41009+000 | .40348+000 |
| 2     | .73186+000   | .72564+000 | .71942+000 | .71319+000 | .70698+000 |
| 3     | .90766+000   | .90435+000 | .90099+000 | .89758+000 | .89413+000 |
| 4     | .97602+000   | .97483+000 | .97362+000 | .97236+000 | .97107+000 |
| 5     | .99516+000   | .99485+000 | .99453+000 | .99420+000 | .99385+000 |
| 6     | .99922+000   | .99916+000 | .99910+000 | .99903+000 | .99896+000 |
| 7     | .99990+000   | .99989+000 | .99988+000 | .99987+000 | .99986+000 |
| 8     | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99998+000 |
| 9     | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H     | = .64523-001 | .66230-001 | .67978-001 | .69768-001 | .71599-001 |

| THETA | .15000+002   | .15500+002 | .16000+002 | .16500+002 | .17000+002 |
|-------|--------------|------------|------------|------------|------------|
| -I-   |              |            | SUM-P(I)   |            |            |
| 0     | .11342+000   | .10635+000 | .99763-001 | .93621-001 | .87890-001 |
| 1     | .39696+000   | .38109+000 | .36580+000 | .35108+000 | .33691+000 |
| 2     | .70076+000   | .68527+000 | .66984+000 | .65451+000 | .63929+000 |
| 3     | .89064+000   | .88171+000 | .87253+000 | .86312+000 | .85348+000 |
| 4     | .96975+000   | .96629+000 | .96262+000 | .95873+000 | .95462+000 |
| 5     | .99349+000   | .99251+000 | .99145+000 | .99028+000 | .98901+000 |
| 6     | .99888+000   | .99867+000 | .99844+000 | .99817+000 | .99787+000 |
| 7     | .99984+000   | .99981+000 | .99977+000 | .99972+000 | .99966+000 |
| 8     | .99998+000   | .99998+000 | .99997+000 | .99996+000 | .99996+000 |
| 9     | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H     | = .73474-001 | .78357-001 | .83531-001 | .89012-001 | .94816-001 |

| THETA | .17500+002   | .18000+002 | .18500+002 | .19000+002 | .19500+002 |
|-------|--------------|------------|------------|------------|------------|
| -I-   |              |            | SUM-P(I)   |            |            |
| 0     | .82540-001   | .77545-001 | .72879-001 | .68517-001 | .64439-001 |
| 1     | .72328+000   | .31018+000 | .29759+000 | .28549+000 | .27386+000 |
| 2     | .62421+000   | .60928+000 | .59452+000 | .57995+000 | .56556+000 |
| 3     | .84364+000   | .83361+000 | .82341+000 | .81306+000 | .80257+000 |
| 4     | .95030+000   | .94577+000 | .94104+000 | .93609+000 | .93095+000 |
| 5     | .98764+000   | .98615+000 | .98456+000 | .98284+000 | .98102+000 |
| 6     | .99754+000   | .99717+000 | .99676+000 | .99630+000 | .99581+000 |
| 7     | .99960+000   | .99953+000 | .99944+000 | .99935+000 | .99924+000 |
| 8     | .99995+000   | .99993+000 | .99992+000 | .99990+000 | .99989+000 |
| 9     | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 10    | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H     | = .10096+000 | .10746+000 | .11435+000 | .12162+000 | .12932+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 5

| THE TA = | .20000+002         | .21000+002 | .22000+002 | .23000+002 | .24000+002 |
|----------|--------------------|------------|------------|------------|------------|
| -I-      | -----SUM-P(I)----- |            |            |            |            |
| 0        | .60624-001         | .53711-001 | .47648-001 | .42322-001 | .37636-001 |
| 1        | .26270+000         | .24170+000 | .22236+000 | .20456+000 | .18818+000 |
| 2        | .55139+000         | .52368+000 | .49690+000 | .47108+000 | .44625+000 |
| 3        | .79196+000         | .77042+000 | .74857+000 | .72650+000 | .70433+000 |
| 4        | .92561+000         | .91435+000 | .90236+000 | .88969+000 | .87638+000 |
| 5        | .97907+000         | .97480+000 | .97003+000 | .96475+000 | .95896+000 |
| 6        | .99527+000         | .99403+000 | .99259+000 | .99091+000 | .98899+000 |
| 7        | .99912+000         | .99884+000 | .99850+000 | .99808+000 | .99757+000 |
| 8        | .99986+000         | .99981+000 | .99975+000 | .99966+000 | .99955+000 |
| 9        | .99998+000         | .99997+000 | .99996+000 | .99995+000 | .99993+000 |
| 10       | 1.00000            | 1.00000    | 1.00000    | .99999+000 | .99999+000 |
| 11       |                    |            |            | 1.00000    | 1.00000    |
| H =      | .13746+000         | .15515+000 | .17489+000 | .19690+000 | .22142+000 |

| THE TA = | .25000+002         | .30000+002 | .35000+002 | .40000+002 | .45000+002 |
|----------|--------------------|------------|------------|------------|------------|
| -I-      | -----SUM-P(I)----- |            |            |            |            |
| 0        | .33508-001         | .19047-001 | .11090-001 | .65935-002 | .39928-002 |
| 1        | .17312+000         | .11428+000 | .75783-001 | .50550-001 | .33938-001 |
| 2        | .42243+000         | .31836+000 | .23752+000 | .17614+000 | .13019+000 |
| 3        | .68213+000         | .57345+000 | .47338+000 | .38546+000 | .31067+000 |
| 4        | .86248+000         | .78603+000 | .70268+000 | .61803+000 | .53626+000 |
| 5        | .95266+000         | .91358+000 | .86320+000 | .80409+000 | .73930+000 |
| 6        | .98681+000         | .97156+000 | .94832+000 | .91685+000 | .87773+000 |
| 7        | .99698+000         | .99226+000 | .98379+000 | .97055+000 | .95190+000 |
| 8        | .99942+000         | .99824+000 | .99573+000 | .99120+000 | .98398+000 |
| 9        | .99991+000         | .99966+000 | .99904+000 | .99776+000 | .99544+000 |
| 10       | .99999+000         | .99994+000 | .99982+000 | .99951+000 | .99888+000 |
| 11       | 1.00000            | .99999+000 | .99997+000 | .99991+000 | .99976+000 |
| 12       |                    | 1.00000    | 1.00000    | .99998+000 | .99996+000 |
| 13       |                    |            |            | 1.00000    | .99999+000 |
| 14       |                    |            |            |            | 1.00000    |
| H =      | .24870+000         | .43751+000 | .75141+000 | .12639+001 | .20871+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 5

| THETA = | .50000+002 | .55000+002 | .60000+002 | .65000+002 | .70000+002 |
|---------|------------|------------|------------|------------|------------|
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .24578-002 | .15353-002 | .97196-003 | .62283-003 | .40358-003 |
| 1       | .22939-001 | .15609-001 | .10692-001 | .73702-002 | .51121-002 |
| 2       | .96087-001 | .70899-001 | .52347-001 | .38697-001 | .28654-001 |
| 3       | .24848+000 | .19761+000 | .15648+000 | .12354+000 | .97320-001 |
| 4       | .46013+000 | .39118+000 | .33005+000 | .27673+000 | .23084+000 |
| 5       | .67179+000 | .60412+000 | .53832+000 | .47588+000 | .41776+000 |
| 6       | .83213+000 | .78157+000 | .72767+000 | .67201+000 | .61601+000 |
| 7       | .92758+000 | .89775+000 | .86291+000 | .82377+000 | .78122+000 |
| 8       | .97346+000 | .95920+000 | .94094+000 | .91863+000 | .89242+000 |
| 9       | .99167+000 | .98602+000 | .97809+000 | .96756+000 | .95419+000 |
| 10      | .99774+000 | .99585+000 | .99295+000 | .98877+000 | .98302+000 |
| 11      | .99947+000 | .99893+000 | .99802+000 | .99660+000 | .99449+000 |
| 12      | .99989+000 | .99976+000 | .99951+000 | .99909+000 | .99842+000 |
| 13      | .99998+000 | .99995+000 | .99989+000 | .99979+000 | .99960+000 |
| 14      | 1.00000    | .99999+000 | .99998+000 | .99995+000 | .99991+000 |
| 15      |            | 1.00000    | 1.00000    | .99999+000 | .99998+000 |
| 16      |            |            |            | 1.00000    | 1.00000    |
| H =     | .33906+001 | .54277+001 | .85738+001 | .13380+002 | .20648+002 |

| THETA = | .75000+002 | .80000+002 | .85000+002 | .90000+002 | .95000+002 |
|---------|------------|------------|------------|------------|------------|
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .26422-003 | .17463-003 | .11644-003 | .78289-004 | .53045-004 |
| 1       | .35669-002 | .25030-002 | .17661-002 | .12526-002 | .09293-003 |
| 2       | .21260-001 | .15808-001 | .11782-001 | .88020-002 | .65921-002 |
| 3       | .76551-001 | .60158-001 | .47253-001 | .37112-001 | .29152-001 |
| 4       | .19174+000 | .15871+000 | .13101+000 | .10789+000 | .88683-001 |
| 5       | .36452+000 | .31640+000 | .27339+000 | .23528+000 | .20179+000 |
| 6       | .56087+000 | .50754+000 | .45675+000 | .40900+000 | .36460+000 |
| 7       | .73618+000 | .68958+000 | .64231+000 | .59513+000 | .58873+000 |
| 8       | .86260+000 | .82961+000 | .79396+000 | .75621+000 | .71693+000 |
| 9       | .93785+000 | .91852+000 | .89626+000 | .87126+000 | .84374+000 |
| 10      | .97548+000 | .96593+000 | .95424+000 | .94029+000 | .92406+000 |
| 11      | .99151+000 | .98749+000 | .98223+000 | .97559+000 | .96741+000 |
| 12      | .99741+000 | .99594+000 | .99390+000 | .99116+000 | .98760+000 |
| 13      | .99930+000 | .99883+000 | .99814+000 | .99715+000 | .99580+000 |
| 14      | .99983+000 | .99970+000 | .99949+000 | .99918+000 | .99873+000 |
| 15      | .99996+000 | .99993+000 | .99988+000 | .99979+000 | .99965+000 |
| 16      | .99999+000 | .99999+000 | .99997+000 | .99995+000 | .99991+000 |
| 17      | 1.00000    | 1.00000    | .99999+000 | .99999+000 | .99998+000 |
| 18      |            |            | 1.00000    | 1.00000    | 1.00000    |
| H =     | .31540+002 | .47720+002 | .71565+002 | .10644+003 | .15710+003 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE TWO-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 5

THETA= .10000+003

| -I- | SUM-P(I)     |
|-----|--------------|
| 0   | .36203-004   |
| 1   | .63959-003   |
| 2   | .49495-002   |
| 3   | .22907-001   |
| 4   | .72790-001   |
| 5   | .17256+000   |
| 6   | .32372+000   |
| 7   | .50367+000   |
| 8   | .67670+000   |
| 9   | .81403+000   |
| 10  | .90558+000   |
| 11  | .95759+000   |
| 12  | .98309+000   |
| 13  | .99399+000   |
| 14  | .99809+000   |
| 15  | .99945+000   |
| 16  | .99986+000   |
| 17  | .99997+000   |
| 18  | .99999+000   |
| 19  | 1.00000      |
| H   | = .23018+003 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSLE DISTRIBUTION

$U_2 = 0 \quad U_3 = 0$

|           |            |            |            |            |            |
|-----------|------------|------------|------------|------------|------------|
| THE TAU = | .00000+000 | .10000-001 | .20000-001 | .30000-001 | .40000-001 |
| -I-       | -----      | -----      | P(I)-----  | -----      | -----      |
| 0         | .10000+001 | .99009+000 | .98034+000 | .97077+000 | .96135+000 |
| 1         |            | .99009-002 | .19607-001 | .29123-001 | .38454-001 |
| 2         |            | .12376-004 | .49017-004 | .10921-003 | .19227-003 |
| H =       | .10000+001 | .10100+001 | .10200+001 | .10301+001 | .10402+001 |
| THE TAU = | .50000-001 | .60000-001 | .70000-001 | .80000-001 | .90000-001 |
| -I-       | -----      | -----      | P(I)-----  | -----      | -----      |
| 0         | .95210+000 | .94300+000 | .93404+000 | .92574+000 | .91658+000 |
| 1         | .47605-001 | .56580-001 | .65383-001 | .74019-001 | .82492-001 |
| 2         | .29753-003 | .42435-003 | .57210-003 | .74019-003 | .92803-003 |
| H =       | .10503+001 | .10604+001 | .10706+001 | .10808+001 | .10910+001 |
| THE TAU = | .10000+000 | .11000+000 | .12000+000 | .13000+000 | .14000+000 |
| -I-       | -----      | -----      | P(I)-----  | -----      | -----      |
| 0         | .90806+000 | .89967+000 | .89142+000 | .88330+000 | .87530+000 |
| 1         | .90806-001 | .98964-001 | .10697+000 | .11483+000 | .12254+000 |
| 2         | .11351-002 | .13608-002 | .16046-002 | .18660-002 | .21445-002 |
| 3         |            | .55438-005 | .71313-005 | .89843-005 | .11120-004 |
| H =       | .11013+001 | .11115+001 | .11218+001 | .11321+001 | .11425+001 |
| THE TAU = | .15000+000 | .16000+000 | .17000+000 | .18000+000 | .19000+000 |
| -I-       | -----      | -----      | P(I)-----  | -----      | -----      |
| 0         | .86743+000 | .85968+000 | .85205+000 | .84454+000 | .83714+000 |
| 1         | .13011+000 | .13755+000 | .14485+003 | .15202+000 | .15906+000 |
| 2         | .24397-002 | .27510-002 | .30780-002 | .34204-002 | .37776-002 |
| 3         | .13554-004 | .16302-004 | .19380-004 | .22803-004 | .26583-004 |
| H =       | .11528+001 | .11632+001 | .11736+001 | .11841+001 | .11945+001 |
| THE TAU = | .20000+000 | .21000+000 | .22000+000 | .23000+000 | .24000+000 |
| -I-       | -----      | -----      | P(I)-----  | -----      | -----      |
| 0         | .82985+000 | .82267+000 | .81559+000 | .80862+000 | .80175+000 |
| 1         | .16597+000 | .17276+000 | .17943+000 | .18598+000 | .19242+000 |
| 2         | .41493-002 | .45350-002 | .49343-002 | .53470-002 | .57726-002 |
| 3         | .30735-004 | .35272-004 | .40206-004 | .45549-004 | .51312-004 |
| H =       | .12050+001 | .12156+001 | .12261+001 | .12367+001 | .12473+001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 0 \quad U_3 = 0$

$\Theta = .25000+000 \quad .26000+000 \quad .27000+000 \quad .28000+000 \quad .29000+000$

-I-----P(I)-----  
 0    .79499+000    .78831+000    .78174+000    .77525+000    .76886+000  
 1    .19875+000    .20496+000    .21107+000    .21707+000    .22297+000  
 2    .62108-002    .66612-002    .71236-002    .75975-002    .80826-002  
 3    .57508-004    .64145-004    .71236-004    .78789-004    .86314-004  
 H = .12579+001    .12685+001    .12792+001    .12899+001    .13006+001

$\Theta = .30000+000 \quad .31000+000 \quad .32000+000 \quad .33000+000 \quad .34000+000$

-I-----P(I)-----  
 0    .76256+000    .75634+000    .75021+000    .74417+000    .73821+000  
 1    .22877+000    .23447+000    .24007+000    .24558+000    .25099+000  
 2    .85788-002    .90856-002    .96027-002    .10130-001    .10667-001  
 3    .95320-004    .10432-003    .11381-003    .12381-003    .13433-003  
 H = .13114+001    .13222+001    .13330+001    .13438+001    .13546+001

$\Theta = .35000+000 \quad .36000+000 \quad .37000+000 \quad .38000+000 \quad .39000+000$

-I-----P(I)-----  
 0    .73233+000    .72652+000    .72080+000    .71515+000    .70958+000  
 1    .25631+000    .26155+000    .26670+000    .27176+000    .27674+000  
 2    .11214-001    .11770-001    .12335-001    .12908-001    .13491-001  
 3    .14536-C03    .15693-003    .16903-003    .18167-003    .19487-003  
 H = .13655+001    .13764+001    .13873+001    .13983+001    .14093+001

$\Theta = .40000+000 \quad .41000+000 \quad .42000+000 \quad .43000+000 \quad .44000+000$

-I-----P(I)-----  
 0    .70408+000    .69865+000    .69329+000    .68800+000    .68278+000  
 1    .28163+000    .28645+000    .29118+000    .29584+000    .30042+000  
 2    .14082-001    .14680-001    .15287-001    .15901-001    .16523-001  
 3    .20862-003    .22292-003    .23780-003    .25325-003    .26927-003  
 H = .14203+001    .14313+001    .14424+001    .14535+001    .14646+001

$\Theta = .45000+000 \quad .46000+000 \quad .47000+000 \quad .48000+000 \quad .49000+000$

-I-----P(I)-----  
 0    .67763+000    .67254+000    .66751+000    .66255+000    .65765+000  
 1    .30493+000    .30937+000    .31373+000    .31802+000    .32225+000  
 2    .17152-001    .17789-001    .18432-001    .19081-001    .19738-001  
 3    .28587-003    .30307-003    .32085-003    .33923-003    .35820-003  
 H = .14757+001    .14869+001    .14981+001    .15093+001    .15206+001

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0 U3 = 0

| THE TAU = .50000+000 |              | .60000+000 | .70000+000 | .80000+000 | .90000+000 |
|----------------------|--------------|------------|------------|------------|------------|
| -I-                  |              | P(I)       |            |            |            |
| 0                    | .65281+000   | .60753+000 | .56726+000 | .53124+000 | .49883+000 |
| 1                    | .32641+000   | .36452+000 | .39708+000 | .42499+000 | .44895+000 |
| 2                    | .20400-001   | .27339-001 | .34745-001 | .42499-001 | .50507-001 |
| 3                    | .37779-003   | .60753-003 | .90079-003 | .12592-002 | .16836-002 |
| 4                    |              | .56956-005 | .98524-005 | .15740-004 | .23675-004 |
| H                    | = .15318+001 | .16460+001 | .17629+001 | .18824+001 | .20047+001 |
| THE TAU = .10000+001 |              | .11000+001 | .12000+001 | .13000+001 | .14000+001 |
| -I-                  |              | P(I)       |            |            |            |
| 0                    | .46955+000   | .44296+000 | .41873+000 | .39657+000 | .37622+000 |
| 1                    | .46955+000   | .48726+000 | .50248+000 | .51554+000 | .52671+000 |
| 2                    | .58694-001   | .66998-001 | .75372-001 | .83775-001 | .92175-001 |
| 3                    | .21738-002   | .27296-002 | .33499-002 | .40336-002 | .47794-002 |
| 4                    | .33966-004   | .46914-004 | .62810-004 | .81933-004 | .10455-003 |
| H                    | = .21297+001 | .22575+001 | .23882+001 | .25216+001 | .26580+001 |
| THE TAU = .15000+001 |              | .16000+001 | .17000+001 | .18000+001 | .19000+001 |
| -I-                  |              | P(I)       |            |            |            |
| 0                    | .35789+000   | .34020+000 | .32419+000 | .30933+000 | .29551+000 |
| 1                    | .53624+000   | .54432+000 | .55112+000 | .55680+000 | .56147+000 |
| 2                    | .10055+000   | .10886+000 | .11711+000 | .12528+000 | .13335+000 |
| 3                    | .55859-002   | .64512-002 | .73738-002 | .83520-002 | .93839-002 |
| 4                    | .13092-003   | .16128-003 | .19587-003 | .23490-003 | .27858-003 |
| H                    | = .27972+001 | .29394+001 | .30846+001 | .32328+001 | .33840+001 |
| THE TAU = .20000+001 |              | .21000+001 | .22000+001 | .23000+001 | .24000+001 |
| -I-                  |              | P(I)       |            |            |            |
| 0                    | .28263+000   | .27060+000 | .25933+000 | .24878+000 | .23887+000 |
| 1                    | .56526+000   | .56825+000 | .57054+000 | .57219+000 | .57328+000 |
| 2                    | .14131+000   | .14917+000 | .15690+000 | .16450+000 | .17198+000 |
| 3                    | .10468-001   | .11602-001 | .12784-001 | .14013-001 | .15237-001 |
| 4                    | .32712-003   | .38068-003 | .43946-003 | .50361-003 | .57328-003 |
| 5                    | .52339-005   | .63955-005 | .77345-005 | .92663-005 | .11007-004 |
| H                    | = .35382+001 | .36956+001 | .38560+001 | .40196+001 | .41864+001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 0$      $U_3 = 0$

| THE TAU = .25000+001 |              | .26000+001 | .27000+001 | .28000+001 | .29000+001 |
|----------------------|--------------|------------|------------|------------|------------|
| -----                |              | P(I) ----- |            |            |            |
| 0                    | .22954+000   | .22076+000 | .21248+000 | .20466+000 | .19726+000 |
| 1                    | .57386+000   | .57398+000 | .57370+000 | .57305+000 | .57206+000 |
| 2                    | .17933+000   | .18654+000 | .19362+000 | .20057+000 | .20737+000 |
| 3                    | .16605-001   | .17964-001 | .19362-001 | .20799-001 | .22273-001 |
| 4                    | .64862-003   | .72977-003 | .81685-003 | .90997-003 | .10093-002 |
| 5                    | .12972-004   | .15179-004 | .17644-004 | .20383-004 | .23415-004 |
| H                    | = .43565+001 | .45297+001 | .47063+001 | .48862+001 | .50694+001 |

| THE TAU = .30000+001 |              | .31000+001 | .32000+001 | .33000+001 | .34000+001 |
|----------------------|--------------|------------|------------|------------|------------|
| -----                |              | P(I) ----- |            |            |            |
| 0                    | .19026+000   | .18362+000 | .17732+000 | .17134+000 | .16565+000 |
| 1                    | .57078+000   | .56922+000 | .56743+000 | .56541+000 | .56320+000 |
| 2                    | .21404+000   | .22057+000 | .22697+000 | .23323+000 | .23936+000 |
| 3                    | .23782-001   | .25325-001 | .26900-001 | .28506-001 | .30142-001 |
| 4                    | .11148-002   | .12267-002 | .13450-002 | .14699-002 | .16013-002 |
| 5                    | .26755-004   | .30422-004 | .34432-004 | .38804-004 | .43555-004 |
| H                    | = .52560+001 | .54460+001 | .56395+001 | .58364+001 | .60369+001 |

| THE TAU = .35000+001 |              | .36000+001 | .37000+001 | .38000+001 | .39000+001 |
|----------------------|--------------|------------|------------|------------|------------|
| -----                |              | P(I) ----- |            |            |            |
| 0                    | .16023+000   | .15507+000 | .15016+000 | .14546+000 | .14098+000 |
| 1                    | .56082+000   | .55827+000 | .55558+000 | .55276+000 | .54983+000 |
| 2                    | .24536+000   | .25122+000 | .25696+000 | .26256+000 | .26804+000 |
| 3                    | .31806-001   | .33496-001 | .35212-001 | .36953-001 | .38717-001 |
| 4                    | .17394-002   | .18842-002 | .20357-002 | .21941-002 | .23593-002 |
| 5                    | .48702-004   | .54264-004 | .60257-004 | .66700-004 | .73611-004 |
| H                    | = .62409+001 | .64485+001 | .66597+001 | .68746+001 | .70931+001 |

| THE TAU = .40000+001 |              | .41000+001 | .42000+001 | .43000+001 | .44000+001 |
|----------------------|--------------|------------|------------|------------|------------|
| -----                |              | P(I) ----- |            |            |            |
| 0                    | .13670+000   | .13260+000 | .12868+000 | .12492+000 | .12132+000 |
| 1                    | .54679+000   | .54366+000 | .54045+000 | .53717+000 | .53382+000 |
| 2                    | .27340+000   | .27863+000 | .28374+000 | .28873+000 | .29360+000 |
| 3                    | .40503-001   | .42310-001 | .44137-001 | .45983-001 | .47846-001 |
| 4                    | .25314-002   | .27105-002 | .28965-002 | .30895-002 | .32894-002 |
| 5                    | .81006-004   | .88904-004 | .97322-004 | .10628-003 | .11579-003 |
| H                    | = .73154+001 | .75415+001 | .77713+001 | .80049+001 | .82425+001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0 U3 = 0

| THETA = .45000+001 |              | .46000+001 | .47000+001 | .48000+001 | .49000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .11787+000   | .11456+000 | .11138+000 | .10832+000 | .10538+000 |
| 1                  | .53042+000   | .52696+000 | .52347+000 | .51994+000 | .51637+000 |
| 2                  | .29836+000   | .30300+000 | .30754+000 | .31196+000 | .31628+000 |
| 3                  | .49727-001   | .51623-001 | .53534-001 | .55460-001 | .57398-001 |
| 4                  | .34964-002   | .37104-002 | .39314-002 | .41595-002 | .43946-002 |
| 5                  | .12587-003   | .13654-003 | .14782-003 | .15972-003 | .17227-003 |
| H                  | = .84839+001 | .87292+001 | .89786+001 | .92319+001 | .94893+001 |
| THETA = .50000+001 |              | .52000+001 | .54000+001 | .56000+001 | .58000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .10256+000   | .97219-001 | .92266-001 | .87652-001 | .83375-001 |
| 1                  | .51278+000   | .50554+000 | .49824+000 | .49091+000 | .48357+000 |
| 2                  | .32049+000   | .32860+000 | .33631+000 | .34364+000 | .35059+000 |
| 3                  | .59390-001   | .63286-001 | .67262-001 | .71272-001 | .75312-001 |
| 4                  | .46367-002   | .51420-002 | .56752-002 | .62363-002 | .68251-002 |
| 5                  | .18547-003   | .21391-003 | .24517-003 | .27939-003 | .31669-003 |
| 6                  |              | .51496-005 | .61292-005 | .72434-005 | .85036-005 |
| H                  | = .97508+001 | .10286+002 | .10838+002 | .11407+002 | .11994+002 |
| THETA = .60000+001 |              | .62000+001 | .64000+001 | .66000+001 | .68000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .79375-001   | .75639-001 | .72143-001 | .68867-001 | .65794-001 |
| 1                  | .47625+000   | .46896+000 | .46171+000 | .45452+000 | .44740+000 |
| 2                  | .35719+000   | .36344+000 | .36937+000 | .37498+000 | .38029+000 |
| 3                  | .79375-001   | .83458-001 | .87555-001 | .91662-001 | .95776-001 |
| 4                  | .74414-002   | .80850-002 | .87555-002 | .94526-002 | .10176-001 |
| 5                  | .35719-003   | .40101-003 | .44828-003 | .49910-003 | .55358-003 |
| 6                  | .99219-005   | .11511-004 | .13282-004 | .15250-004 | .17428-004 |
| H                  | = .12598+002 | .13221+002 | .13861+002 | .14521+002 | .15199+002 |
| THETA = .70000+001 |              | .72000+001 | .74000+001 | .76000+001 | .78000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .62906-001   | .60190-001 | .57633-001 | .55222-001 | .52946-001 |
| 1                  | .44034+000   | .43337+000 | .42648+000 | .41968+000 | .41298+000 |
| 2                  | .38530+000   | .39003+000 | .39450+000 | .39870+000 | .40266+000 |
| 3                  | .99893-001   | .10401+000 | .10812+000 | .11223+000 | .11632+000 |
| 4                  | .10926-001   | .11701-001 | .12502-001 | .13327-001 | .14177-001 |
| 5                  | .61184-003   | .67398-003 | .74009-003 | .81028-003 | .88464-003 |
| 6                  | .19828-004   | .22466-004 | .25355-004 | .28510-004 | .31943-004 |
| H                  | = .15897+002 | .16614+002 | .17351+002 | .18109+002 | .18887+002 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSLE DISTRIBUTION

$U_2 = 0 \quad U_3 = 0$

$\Theta = .80000+001 \quad .82000+001 \quad .84000+001 \quad .86000+001 \quad .88000+001$

|     |              | $P(I)$     |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| -I- |              |            |            |            |            |  |
| 0   | .50797-001   | .48764-001 | .46840-001 | .45017-001 | .43289-001 |  |
| 1   | .40637+000   | .39986+000 | .39346+000 | .38715+000 | .38094+000 |  |
| 2   | .40637+000   | .40986+000 | .41313+000 | .41618+000 | .41904+000 |  |
| 3   | .12041+000   | .12448+000 | .12853+000 | .13256+000 | .13658+000 |  |
| 4   | .15051-001   | .15949-001 | .16269-001 | .17813-001 | .18779-001 |  |
| 5   | .96325-003   | .10462-002 | .11336-002 | .12255-002 | .13220-002 |  |
| 6   | .35676-004   | .39718-004 | .44085-004 | .48795-004 | .53861-004 |  |
| H   | = .19686+002 | .20507+002 | .21349+002 | .22214+002 | .23101+002 |  |

$\Theta = .90000+001 \quad .92000+001 \quad .94000+001 \quad .96000+001 \quad .98000+001$

|     |              | $P(I)$     |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| -I- |              |            |            |            |            |  |
| 0   | .41649-001   | .40091-001 | .38611-001 | .37203-001 | .35862-001 |  |
| 1   | .37484+000   | .36884+000 | .36294+000 | .35715+000 | .35145+000 |  |
| 2   | .42170+000   | .42417+000 | .42646+000 | .42858+000 | .43033+000 |  |
| 3   | .14057+000   | .14453+000 | .14847+000 | .15238+000 | .15627+000 |  |
| 4   | .19767-001   | .20776-001 | .21807-001 | .22857-001 | .23928-001 |  |
| 5   | .14232-002   | .15291-002 | .16399-002 | .17554-002 | .18760-002 |  |
| 6   | .59301-004   | .65130-004 | .71364-004 | .78020-004 | .85114-004 |  |
| H   | = .24010+002 | .24943+002 | .25899+002 | .26880+002 | .27884+002 |  |

$\Theta = .10000+002 \quad .10200+002 \quad .10400+002 \quad .10600+002 \quad .10800+002$

|     |              | $P(I)$     |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| -I- |              |            |            |            |            |  |
| 0   | .34586-001   | .33369-001 | .32208-001 | .31101-001 | .30043-001 |  |
| 1   | .34586+000   | .34036+000 | .33497+000 | .32967+000 | .32446+000 |  |
| 2   | .43232+000   | .43396+000 | .43546+000 | .43681+000 | .43803+000 |  |
| 3   | .16012+000   | .16394+000 | .16773+000 | .17149+000 | .17521+000 |  |
| 4   | .25019-001   | .26128-001 | .27256-001 | .28403-001 | .29567-001 |  |
| 5   | .20015-002   | .21321-002 | .22677-002 | .24083-002 | .25546-002 |  |
| 6   | .92662-004   | .10068-003 | .10919-003 | .11820-003 | .12773-003 |  |
| H   | = .20914+002 | .29968+002 | .31048+002 | .32154+002 | .33286+002 |  |

$\Theta = .11000+002 \quad .11200+002 \quad .11400+002 \quad .11600+002 \quad .11800+002$

|     |              | $P(I)$     |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| -I- |              |            |            |            |            |  |
| 0   | .29032-001   | .28066-001 | .27142-001 | .26257-001 | .25410-001 |  |
| 1   | .31936+000   | .31434+000 | .30942+000 | .30459+000 | .29984+000 |  |
| 2   | .43912+000   | .44008+000 | .44092+000 | .44165+000 | .44227+000 |  |
| 3   | .17890+000   | .18255+000 | .18617+000 | .18975+000 | .19329+000 |  |
| 4   | .30748-001   | .31946-001 | .33161-001 | .34391-001 | .35637-001 |  |
| 5   | .27058-002   | .28624-002 | .30243-002 | .31915-002 | .33642-002 |  |
| 6   | .13780-003   | .14842-003 | .15961-003 | .17140-003 | .18378-003 |  |
| 7   |              |            |            |            |            |  |
| H   | = .34446+002 | .35630+002 | .36843+002 | .38084+002 | .39354+002 |  |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSLE DISTRIBUTION

$U_2 = 0 \quad U_3 = 0$

THE TAU = .12000+002 .12200+002 .12400+002 .12600+002 .12800+002

| -I- | P(I)       |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| 0   | .24599-001 | .23821-001 | .23075-001 | .22359-001 | .21672-001 |
| 1   | .29519+000 | .29062+000 | .28613+000 | .28173+000 | .27741+000 |
| 2   | .44278+000 | .44319+000 | .44350+000 | .44372+000 | .44385+000 |
| 3   | .19679+000 | .20026+000 | .20368+000 | .20707+000 | .21042+000 |
| 4   | .35898-001 | .38174-001 | .39463-001 | .40767-001 | .42083-001 |
| 5   | .35422-002 | .37258-002 | .39148-002 | .41093-002 | .43093-002 |
| 6   | .19679-003 | .21044-003 | .22474-003 | .23971-003 | .25537-003 |
| 7   | .68848-005 | .74849-005 | .81246-005 | .88056-005 | .95298-005 |
| H = | .40652+002 | .41980+002 | .43337+002 | .44724+002 | .46142+002 |

THE TAU = .13000+002 .13200+002 .13400+002 .13600+002 .13800+002

| -I- | P(I)       |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| 0   | .21013-001 | .20379-001 | .19770-001 | .19184-001 | .18620-001 |
| 1   | .27316+000 | .26900+000 | .26491+000 | .26090+000 | .25696+000 |
| 2   | .44369+000 | .44385+000 | .44373+000 | .44353+000 | .44326+000 |
| 3   | .21372+000 | .21699+000 | .22022+000 | .22341+000 | .22655+000 |
| 4   | .43413-001 | .44735-001 | .46109-001 | .47474-001 | .48851-001 |
| 5   | .45149-002 | .47261-002 | .49428-002 | .51652-002 | .53931-002 |
| 6   | .27173-003 | .28682-003 | .30664-003 | .32522-003 | .34456-003 |
| 7   | .10299-004 | .11185-004 | .11980-004 | .12895-004 | .13863-004 |
| H = | .47591+002 | .49071+002 | .50583+002 | .52127+002 | .53704+002 |

THE TAU = .14000+002 .14200+002 .14400+002 .14600+002 .14800+002

| -I- | P(I)       |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| 0   | .18078-001 | .17556-001 | .17054-001 | .16570-001 | .16103-001 |
| 1   | .25310+000 | .24930+000 | .24558+000 | .24192+000 | .23833+000 |
| 2   | .44292+000 | .44251+000 | .44204+000 | .44150+000 | .44091+000 |
| 3   | .22966+000 | .23273+000 | .23575+000 | .23874+000 | .24168+000 |
| 4   | .50238-001 | .51636-001 | .53044-001 | .54462-001 | .55889-001 |
| 5   | .56267-002 | .58659-002 | .61107-002 | .63612-002 | .66173-002 |
| 6   | .36469-003 | .38563-003 | .40738-003 | .42997-003 | .45340-003 |
| 7   | .14885-004 | .15965-004 | .17103-004 | .18302-004 | .19564-004 |
| H = | .55315+002 | .56959+002 | .58638+002 | .60351+002 | .62099+002 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 0$      $U_3 = 0$

| THETA = .15000+002 |              | .15500+002 | .16000+002 | .16500+002 | .17000+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .15654-001   | .14598-001 | .13632-001 | .12746-001 | .11933-001 |
| 1                  | .23480+000   | .22627+000 | .21811+000 | .21031+000 | .20286+000 |
| 2                  | .44025+000   | .43839+000 | .43622+000 | .43377+000 | .43108+000 |
| 3                  | .24459+000   | .25167+000 | .25850+000 | .26508+000 | .27142+000 |
| 4                  | .57325-001   | .60951-001 | .64625-001 | .68342-001 | .72096-001 |
| 5                  | .68790-002   | .75579-002 | .82720-002 | .90211-002 | .98050-002 |
| 6                  | .47771-003   | .54235-003 | .61274-003 | .68911-003 | .77169-003 |
| 7                  | .20891-004   | .24509-004 | .28583-004 | .33150-004 | .38247-004 |
| H                  | = .63883+002 | .68503+002 | .73358+002 | .78454+002 | .83802+002 |

| THETA = .17500+002 |              | .18000+002 | .18500+002 | .19000+002 | .19500+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .11185-001   | .10495-001 | .98585-002 | .92702-002 | .87255-002 |
| 1                  | .19573+000   | .18891+000 | .18238+000 | .17613+000 | .17015+000 |
| 2                  | .42816+000   | .42505+000 | .42176+000 | .41832+000 | .41473+000 |
| 3                  | .27751+000   | .28337+000 | .28898+000 | .29437+000 | .29953+000 |
| 4                  | .75882-001   | .79697-001 | .83534-001 | .87391-001 | .91263-001 |
| 5                  | .10623-001   | .11476-001 | .12363-001 | .13283-001 | .14237-001 |
| 6                  | .86070-003   | .95636-003 | .10589-002 | .11685-002 | .12853-002 |
| 7                  | .43913-004   | .50188-004 | .57111-004 | .64725-004 | .73070-004 |
| H                  | = .89409+002 | .95283+002 | .10144+003 | .10787+003 | .11461+003 |

| THETA = .20000+002 |              | .21000+002 | .22000+002 | .23000+002 | .24000+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .82207-002   | .73166-002 | .65339-002 | .58532-002 | .52588-002 |
| 1                  | .16441+000   | .15365+000 | .14375+000 | .13462+000 | .12621+000 |
| 2                  | .41103+000   | .40333+000 | .39530+000 | .38704+000 | .37863+000 |
| 3                  | .30447+000   | .31370+000 | .32210+000 | .32970+000 | .33656+000 |
| 4                  | .95146-001   | .10293+000 | .11072+000 | .11849+000 | .12621+000 |
| 5                  | .15223-001   | .17293-001 | .19487-001 | .21802-001 | .24233-001 |
| 6                  | .14096-002   | .16812-002 | .19848-002 | .23215-002 | .26925-002 |
| 7                  | .82191-004   | .10293-003 | .12730-003 | .15567-003 | .18840-003 |
| 8                  |              |            | .54700-005 | .69929-005 | .88311-005 |
| H                  | = .12164+003 | .13668+003 | .15305+003 | .17085+003 | .19016+003 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 0$        $U_3 = 0$

$\Theta = .25000+002$      $.30000+002$      $.35000+002$      $.40000+002$      $.45000+002$

| $-I-$ |   | $P(I)$     |            |            |            |
|-------|---|------------|------------|------------|------------|
| 0     |   | .47376-002 | .29130-002 | .18796-002 | .12593-002 |
| 1     |   | .11844+000 | .87390-001 | .65786-001 | .50371-001 |
| 2     |   | .37013+000 | .32771+000 | .28781+000 | .25186+000 |
| 3     |   | .34271+000 | .36412+000 | .37309+000 | .37312+000 |
| 4     |   | .13387+000 | .17068+000 | .20403+000 | .23320+000 |
| 5     |   | .26774-001 | .40964-001 | .57129-001 | .74624-001 |
| 6     |   | .30989-002 | .56894-002 | .92571-002 | .13819-001 |
| 7     |   | .22587-003 | .49762-003 | .94460-003 | .16116-002 |
| 8     |   | .11029-004 | .29157-004 | .64572-004 | .12591-003 |
| 9     |   |            |            |            | .69084-005 |
| H     | = | .21108+003 | .34329+003 | .53203+003 | .79410+003 |
|       |   |            |            |            | .11499+004 |

$\Theta = .50000+002$      $.55000+002$      $.60000+002$      $.65000+002$      $.70000+002$

| $-I-$ |   | $P(I)$     |            |            |            |
|-------|---|------------|------------|------------|------------|
| 0     |   | .61585-003 | .44543-003 | .32807-003 | .24546-003 |
| 1     |   | .30793-001 | .24499-001 | .19684-001 | .15955-001 |
| 2     |   | .19245+000 | .16843+000 | .14763+000 | .12963+000 |
| 3     |   | .35640+000 | .34310+000 | .32807+000 | .31208+000 |
| 4     |   | .27843+000 | .29485+000 | .30756+000 | .31696+000 |
| 5     |   | .11137+000 | .12973+000 | .14763+000 | .16482+000 |
| 6     |   | .25781-001 | .33034-001 | .41008-001 | .49598-001 |
| 7     |   | .37582-002 | .52970-002 | .71735-002 | .93991-002 |
| 8     |   | .36701-003 | .56901-003 | .84064-003 | .11932-002 |
| 9     |   | .25172-004 | .42930-004 | .69189-004 | .10639-003 |
| 10    |   |            |            |            | .69156-005 |
| H     | = | .16238+004 | .22450+004 | .30482+004 | .40740+004 |
|       |   |            |            |            | .53702+004 |

$\Theta = .75000+002$      $.80000+002$      $.85000+002$      $.90000+002$      $.95000+002$

| $-I-$ |   | $P(I)$     |            |            |            |
|-------|---|------------|------------|------------|------------|
| 0     |   | .14301-003 | .11104-003 | .87079-004 | .68900-004 |
| 1     |   | .10726-001 | .88835-002 | .74017-002 | .62010-002 |
| 2     |   | .10056+000 | .88835-001 | .78643-001 | .69761-001 |
| 3     |   | .27932+000 | .26322+000 | .24758+000 | .23254+000 |
| 4     |   | .32733+000 | .32902+000 | .32682+000 | .32701+000 |
| 5     |   | .19640+000 | .21057+000 | .22360+000 | .23544+000 |
| 6     |   | .68193-001 | .77990-001 | .87989-001 | .98102-001 |
| 7     |   | .14911-001 | .18190-001 | .21005-001 | .25741-001 |
| 8     |   | .21842-002 | .28422-002 | .36200-002 | .45248-002 |
| 9     |   | .22472-003 | .31190-003 | .42208-003 | .55862-003 |
| 10    |   | .16854-004 | .24952-004 | .35877-004 | .50275-004 |
| 11    |   |            |            |            | .68868-004 |
| H     | = | .69924+004 | .90054+004 | .11484+005 | .14514+005 |
|       |   |            |            |            | .49155-005 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0 U3 = 0

THETA= .10000+003

| -I- |   | P(I)       |  |
|-----|---|------------|--|
| 0   |   | .44174-004 |  |
| 1   |   | .44174-002 |  |
| 2   |   | .55218-001 |  |
| 3   |   | .24451+000 |  |
| 4   |   | .31955+000 |  |
| 5   |   | .25564+000 |  |
| 6   |   | .21835+000 |  |
| 7   |   | .34505-001 |  |
| 8   |   | .67392-002 |  |
| 9   |   | .92445-003 |  |
| 10  |   | .92445-004 |  |
| 11  |   | .69455-005 |  |
| H   | = | .22637+005 |  |

U2 = 1 U3 = 0

THETA= .00000+000 .10000-001 .20000-001 .30000-001 .40000-001

| -I- |              | P(I)       |            |
|-----|--------------|------------|------------|
| 0   | .10000+001   | .99502+000 | .99008+000 |
| 1   |              | .49751-002 | .99008-002 |
| 2   |              |            | .14778-001 |
| H   | = .10000+001 | .10050+001 | .15501-004 |
|     |              |            | .36944-004 |
|     |              |            | .65355-004 |
|     |              |            | .10150+001 |
|     |              |            | .10201+001 |

THETA= .50000-001 .60000-001 .70000-001 .80000-001 .90000-001

| -I- |              | P(I)       |            |
|-----|--------------|------------|------------|
| 0   | .97551+000   | .97073+000 | .96599+000 |
| 1   | .24388-001   | .29122-001 | .33810-001 |
| 2   | .10162-003   | .14561-003 | .19722-003 |
| H   | = .10251+001 | .10301+001 | .10352+001 |
|     |              |            | .10403+001 |
|     |              |            | .10453+001 |

THETA= .10000+000 .11000+000 .12000+000 .13000+000 .14000+000

| -I- |              | P(I)       |            |
|-----|--------------|------------|------------|
| 0   | .95200+000   | .94741+000 | .94286+000 |
| 1   | .47600-001   | .52108-001 | .56572-001 |
| 2   | .39667-003   | .47765-003 | .56572-003 |
| H   | = .10504+001 | .10555+001 | .10606+001 |
|     |              |            | .10657+001 |
|     |              |            | .10708+001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = I U3 = 0

THETA= .15000+000 .16000+000 .17000+000 .18000+000 .19000+000  
 -I-----P(I)-----  
 0 .92942+000 .92501+000 .92063+000 .91629+000 .91198+000  
 1 .69706-001 .74001-001 .78254-001 .82466-001 .86638-001  
 2 .87133-003 .98668-003 .11086-002 .12370-002 .13718-002  
 3 .52350-005 .61850-005 .72399-005  
 H = .10759+001 .10811+001 .10862+001 .10914+001 .10965+001

THETA= .20000+000 .21000+000 .22000+000 .23000+000 .24000+000  
 -I-----P(I)-----  
 0 .90771+000 .90347+000 .89926+000 .89508+000 .89094+000  
 1 .90771-001 .94864-001 .98918-001 .10293+000 .10691+000  
 2 .15128-002 .16601-002 .18135-002 .19729-002 .21382-002  
 3 .84047-005 .96840-005 .11083-004 .12605-004 .14255-004  
 H = .11017+001 .11068+001 .11120+001 .11172+001 .11224+001

THETA= .25000+000 .26000+000 .27000+000 .28000+000 .29000+000  
 -I-----P(I)-----  
 0 .88682+000 .88274+000 .87869+000 .87467+000 .87068+000  
 1 .11085+000 .11476+000 .11862+000 .12245+000 .12625+000  
 2 .23094-002 .24864-002 .26690-002 .28572-002 .30510-002  
 3 .16038-004 .17957-004 .20018-004 .22223-004 .24577-004  
 H = .11276+001 .11328+001 .11381+001 .11433+001 .11485+001

THETA= .30000+000 .31000+000 .32000+000 .33000+000 .34000+000  
 -I-----P(I)-----  
 0 .86672+000 .86278+000 .85888+000 .85501+000 .85115+000  
 1 .13001+000 .13373+000 .13742+000 .14108+000 .14470+000  
 2 .32502-002 .34547-002 .36646-002 .38796-002 .40998-002  
 3 .27085-004 .29749-004 .32574-004 .35563-004 .38720-004  
 H = .11538+001 .11590+001 .11643+001 .11696+001 .11749+001

THETA= .35000+000 .36000+000 .37000+000 .38000+000 .39000+000  
 -I-----P(I)-----  
 0 .84735+000 .84356+000 .83980+000 .83606+000 .83236+000  
 1 .14829+000 .15184+000 .15536+000 .15885+000 .16231+000  
 2 .43250-002 .45552-002 .47903-002 .50303-002 .52751-002  
 3 .42049-004 .45552-004 .49234-004 .53098-004 .57147-004  
 H = .11802+001 .11855+001 .11908+001 .11961+001 .12014+001

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 1 \quad U_3 = 0$

| THETA = .40000+000 |   | .41000+000 | .42000+000 | .43000+000 | .44000+000 |
|--------------------|---|------------|------------|------------|------------|
| -I-                |   | P(I)       |            |            |            |
| 0                  |   | .82868+000 | .82503+000 | .82140+000 | .81780+000 |
| 1                  |   | .16574+000 | .16913+000 | .17249+000 | .17583+000 |
| 2                  |   | .55245-002 | .57786-002 | .60373-002 | .63004-002 |
| 3                  |   | .61384-004 | .65812-004 | .70435-004 | .75255-004 |
| H                  | = | .12067+001 | .12121+001 | .12174+001 | .12228+001 |
| THETA = .45000+000 |   | .46000+000 | .47000+000 | .48000+000 | .49000+000 |
| -I-                |   | P(I)       |            |            |            |
| 0                  |   | .81067+000 | .80715+000 | .80355+000 | .80017+000 |
| 1                  |   | .18240+000 | .18564+000 | .18886+000 | .19204+000 |
| 2                  |   | .68401-002 | .71164-002 | .73969-002 | .76817-002 |
| 3                  |   | .85501-004 | .90931-004 | .96571-004 | .10242-003 |
| H                  | = | .12335+001 | .12389+001 | .12443+001 | .12497+001 |
| THETA = .50000+000 |   | .60000+000 | .70000+000 | .80000+000 | .90000+000 |
| -I-                |   | P(I)       |            |            |            |
| 0                  |   | .79330+000 | .76031+000 | .72949+000 | .70064+000 |
| 1                  |   | .19832+000 | .22809+000 | .25532+000 | .28026+000 |
| 2                  |   | .82635-002 | .11405-001 | .14894-001 | .18684-001 |
| 3                  |   | .11477-003 | .19008-003 | .28960-003 | .41519-003 |
| 4                  |   |            |            |            | .56833-003 |
| H                  | = | .12606+001 | .13153+001 | .13708+001 | .14273+001 |
| THETA = .10000+001 |   | .11000+001 | .12000+001 | .13000+001 | .14000+001 |
| -I-                |   | P(I)       |            |            |            |
| 0                  |   | .64816+000 | .62423+000 | .60167+000 | .58038+000 |
| 1                  |   | .32408+000 | .34333+000 | .36100+000 | .37725+000 |
| 2                  |   | .27006-001 | .31471-001 | .36100-001 | .40869-001 |
| 3                  |   | .75018-003 | .96163-003 | .12033-002 | .14758-002 |
| 4                  |   | .93773-005 | .13222-004 | .18050-004 | .23982-004 |
| H                  | = | .15428+001 | .16020+001 | .16620+001 | .17230+001 |
| THETA = .15000+001 |   | .16000+001 | .17000+001 | .18000+001 | .19000+001 |
| -I-                |   | P(I)       |            |            |            |
| 0                  |   | .54120+000 | .52315+000 | .50602+000 | .48974+000 |
| 1                  |   | .40590+000 | .41852+000 | .43011+000 | .44077+000 |
| 2                  |   | .50738-001 | .55803-001 | .60933-001 | .66115-001 |
| 3                  |   | .21141-002 | .24801-002 | .28774-002 | .33057-002 |
| 4                  |   | .39639-004 | .49602-004 | .61144-004 | .74379-004 |
| H                  | = | .18477+001 | .19115+001 | .19762+001 | .20419+001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 1$        $U_3 = 0$

THE TAU = .20000+001    .21000+001    .22000+001    .23000+001    .24000+001

|     |  | P(I)           |            |            |            |            |
|-----|--|----------------|------------|------------|------------|------------|
| -I- |  | .45952+000     | .44548+000 | .43203+000 | .41930+000 | .40709+000 |
| 0   |  | .45952+000     | .46776+000 | .47530+000 | .48220+000 | .48850+000 |
| 1   |  | .76587-001     | .81858-001 | .87138-001 | .92421-001 | .97700-001 |
| 2   |  | .42549-002     | .47750-002 | .53251-002 | .59047-002 | .65134-002 |
| 3   |  | .10637-003     | .12534-003 | .14644-003 | .16976-003 | .19540-003 |
| 4   |  | H = .21762+001 | .22448+001 | .23143+001 | .23849+001 | .24565+001 |

THE TAU = .25000+001    .26000+001    .27000+001    .28000+001    .29000+001

|     |  | P(I)           |            |            |            |            |
|-----|--|----------------|------------|------------|------------|------------|
| -I- |  | .39540+000     | .38422+000 | .37351+000 | .36324+000 | .35340+000 |
| 0   |  | .49425+000     | .49948+000 | .50424+000 | .50854+000 | .51242+000 |
| 1   |  | .10297+000     | .10822+000 | .11345+000 | .11866+000 | .12384+000 |
| 2   |  | .71506-002     | .78160-002 | .85090-002 | .92291-002 | .99757-002 |
| 3   |  | .22346-003     | .25402-003 | .28718-003 | .32302-003 | .36162-003 |
| 4   |  |                |            | .51692-005 | .60296-005 | .69913-005 |
| 5   |  | H = .25291+001 | .26027+001 | .26773+001 | .27530+001 | .28297+001 |

THE TAU = .30000+001    .31000+001    .32000+001    .33000+001    .34000+001

|     |  | P(I)           |            |            |            |            |
|-----|--|----------------|------------|------------|------------|------------|
| -I- |  | .34394+000     | .33487+000 | .32614+000 | .31775+000 | .30968+000 |
| 0   |  | .51592+000     | .51904+000 | .52183+000 | .52429+000 | .52646+000 |
| 1   |  | .12898+000     | .13409+000 | .13915+000 | .14418+000 | .14916+000 |
| 2   |  | .19748-001     | .11546-001 | .12369-001 | .13217-001 | .14088-001 |
| 3   |  | .40306-003     | .44742-003 | .49477-003 | .54518-003 | .59872-003 |
| 4   |  | .80612-005     | .92467-005 | .10555-004 | .11994-004 | .13571-004 |
| 5   |  | H = .29074+001 | .29863+001 | .30661+001 | .31471+001 | .32291+001 |

THE TAU = .35000+001    .36000+001    .37000+001    .38000+001    .39000+001

|     |  | P(I)           |            |            |            |            |
|-----|--|----------------|------------|------------|------------|------------|
| -I- |  | .30191+000     | .29442+000 | .28721+000 | .28025+000 | .27353+000 |
| 0   |  | .52834+000     | .52996+000 | .53133+000 | .53247+000 | .53339+000 |
| 1   |  | .15410+000     | .15899+000 | .16383+000 | .16862+000 | .17335+000 |
| 2   |  | .14982-001     | .15899-001 | .16838-001 | .17798-001 | .18780-001 |
| 3   |  | .65546-003     | .71544-003 | .77875-003 | .84542-003 | .91552-003 |
| 4   |  | .15294-004     | .17171-004 | .19209-004 | .21417-004 | .23803-004 |
| 5   |  | H = .33123+001 | .33965+001 | .34918+001 | .35683+001 | .36558+001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSSEL DISTRIBUTION

$U_2 = 1$      $U_3 = 0$

THE TAU = .40000+001    .41000+001    .42000+001    .43000+001    .44000+001

| -I- |              | P(I)       |            |            |
|-----|--------------|------------|------------|------------|
| 0   | .26706+000   | .26080+000 | .25475+000 | .24891+000 |
| 1   | .53411+000   | .53464+000 | .53498+000 | .53515+000 |
| 2   | .17804+000   | .18267+000 | .18724+000 | .19176+000 |
| 3   | .19782-001   | .20804-001 | .21845-001 | .22905-001 |
| 4   | .99909-003   | .10602-002 | .11469-002 | .12312-002 |
| 5   | .26375-004   | .29143-004 | .32112-004 | .35293-004 |
| H   | = .37445+001 | .38344+001 | .39254+001 | .40175+001 |
|     |              |            |            | .41108+001 |

THE TAU = .45000+001    .46000+001    .47000+001    .48000+001    .49000+001

| -I- |              | P(I)       |            |            |
|-----|--------------|------------|------------|------------|
| 0   | .23779+000   | .23250+000 | .22738+000 | .22242+000 |
| 1   | .53503+000   | .53476+000 | .53435+000 | .53382+000 |
| 2   | .20064+000   | .20499+000 | .20929+000 | .21353+000 |
| 3   | .25080-001   | .26193-001 | .27324-001 | .28470-001 |
| 4   | .14107-002   | .15061-002 | .16053-002 | .17082-002 |
| 5   | .42322-004   | .46187-004 | .50298-004 | .54663-004 |
| H   | = .42053+001 | .43010+001 | .43979+001 | .44959+001 |
|     |              |            |            | .45952+001 |

THE TAU = .50000+001    .52000+001    .54000+001    .56000+001    .58000+001

| -I- |              | P(I)       |            |            |
|-----|--------------|------------|------------|------------|
| 0   | .21296+000   | .20407+000 | .19569+000 | .18780+000 |
| 1   | .53240+000   | .53057+000 | .52838+000 | .52595+000 |
| 2   | .22183+000   | .22992+000 | .23777+000 | .24540+000 |
| 3   | .30810-001   | .33210-001 | .35665-001 | .38173-001 |
| 4   | .19256-002   | .21586-002 | .24074-002 | .26721-002 |
| 5   | .64168-004   | .74833-004 | .86667-004 | .99759-004 |
| H   | = .46957+001 | .49004+001 | .51100+001 | .53247+001 |
|     |              |            |            | .55445+001 |

THE TAU = .60000+001    .62000+001    .64000+001    .66000+001    .68000+001

| -I- |              | P(I)       |            |            |
|-----|--------------|------------|------------|------------|
| 0   | .17332+000   | .16667+000 | .16037+000 | .15441+000 |
| 1   | .51997+000   | .51668+000 | .51320+000 | .50954+000 |
| 2   | .25999+000   | .26695+000 | .27371+000 | .28025+000 |
| 3   | .43331-001   | .45975-001 | .48659-001 | .51379-001 |
| 4   | .32498-002   | .35631-002 | .38927-002 | .42387-002 |
| 5   | .12999-003   | .14727-003 | .16609-003 | .18650-003 |
| 6   |              |            |            | .20859-003 |
| H   | = .57695+001 | .59998+001 | .62354+001 | .64764+001 |
|     |              |            |            | .67230+001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 1$      $U_3 = 0$

| THETA = .70000+001 |              | .72000+001 |            | .74000+001 |            | .76000+001 |  | .78000+001 |  |
|--------------------|--------------|------------|------------|------------|------------|------------|--|------------|--|
| -I-                |              | P(I)       |            |            |            |            |  |            |  |
| 0                  | .14337+000   | .13825+000 | .13340+000 | .12877+000 | .12437+000 |            |  |            |  |
| 1                  | .50179+000   | .49773+000 | .49358+000 | .48934+000 | .48503+000 |            |  |            |  |
| 2                  | .29271+000   | .29864+000 | .30437+000 | .30992+000 | .31527+000 |            |  |            |  |
| 3                  | .56916-001   | .59728-001 | .62566-001 | .65427-001 | .68309-001 |            |  |            |  |
| 4                  | .49801-002   | .53755-002 | .57873-002 | .62156-002 | .66601-002 |            |  |            |  |
| 5                  | .23241-003   | .25802-003 | .28551-003 | .31492-003 | .34633-003 |            |  |            |  |
| 6                  | .64557-005   | .73721-005 | .93840-005 | .94976-005 | .10720-004 |            |  |            |  |
| H                  | = .59751+001 | .72328+001 | .74963+001 | .77655+001 | .80407+001 |            |  |            |  |
| THETA = .80000+001 |              | .82000+001 |            | .84000+001 |            | .86000+001 |  | .88000+001 |  |
| -I-                |              | P(I)       |            |            |            |            |  |            |  |
| 0                  | .12017+000   | .11616+000 | .11233+000 | .10868+000 | .10518+000 |            |  |            |  |
| 1                  | .48067+000   | .47625+000 | .47179+000 | .46731+000 | .46280+000 |            |  |            |  |
| 2                  | .32044+000   | .32544+000 | .33026+000 | .33490+000 | .33938+000 |            |  |            |  |
| 3                  | .71210-001   | .74127-001 | .77060-001 | .80005-001 | .82960-001 |            |  |            |  |
| 4                  | .71210-002   | .75981-002 | .80913-002 | .86005-002 | .91256-002 |            |  |            |  |
| 5                  | .37979-003   | .41536-003 | .45311-003 | .49309-003 | .53537-003 |            |  |            |  |
| 6                  | .12057-004   | .13516-004 | .15104-004 | .16828-004 | .18695-004 |            |  |            |  |
| H                  | = .93218+001 | .86089+001 | .89022+001 | .92017+001 | .95074+001 |            |  |            |  |
| THETA = .90000+001 |              | .92000+001 |            | .94000+001 |            | .96000+001 |  | .98000+001 |  |
| -I-                |              | P(I)       |            |            |            |            |  |            |  |
| 0                  | .10184+000   | .98637-001 | .95572-001 | .92635-001 | .89819-001 |            |  |            |  |
| 1                  | .45827+000   | .45373+000 | .44919+000 | .44465+000 | .44011+000 |            |  |            |  |
| 2                  | .34370+000   | .34786+000 | .35186+000 | .35572+000 | .35943+000 |            |  |            |  |
| 3                  | .85925-001   | .88898-001 | .91875-001 | .94858-001 | .97844-001 |            |  |            |  |
| 4                  | .96666-002   | .10223-001 | .10795-001 | .11383-001 | .11986-001 |            |  |            |  |
| 5                  | .58000-003   | .62702-003 | .67651-003 | .72851-003 | .78307-003 |            |  |            |  |
| 6                  | .20714-004   | .22891-004 | .25235-004 | .27753-004 | .30453-004 |            |  |            |  |
| H                  | = .93196+001 | .10138+002 | .10463+002 | .10795+002 | .11134+002 |            |  |            |  |
| THETA = .10000+002 |              | .10200+002 |            | .10400+002 |            | .10600+002 |  | .10800+002 |  |
| -I-                |              | P(I)       |            |            |            |            |  |            |  |
| 0                  | .87117-001   | .84524-001 | .82034-001 | .79641-001 | .77342-001 |            |  |            |  |
| 1                  | .43559+000   | .43107+000 | .42658+000 | .42210+000 | .41765+000 |            |  |            |  |
| 2                  | .36299+000   | .36641+000 | .36970+000 | .37285+000 | .37589+000 |            |  |            |  |
| 3                  | .10083+000   | .10382+000 | .10680+000 | .10979+000 | .11276+000 |            |  |            |  |
| 4                  | .12604-001   | .13237-001 | .13884-001 | .14547-001 | .15223-001 |            |  |            |  |
| 5                  | .84025-003   | .90009-003 | .96264-003 | .10280-002 | .10961-002 |            |  |            |  |
| 6                  | .33343-004   | .36432-004 | .39728-004 | .43239-004 | .46974-004 |            |  |            |  |
| H                  | = .11479+002 | .11831+002 | .12190+002 | .12556+002 | .12930+002 |            |  |            |  |

## DENSITY OF THE THREE-FACTOR GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

**U2 = 1 U3 = 0**

THE TAE = .11000+002 .11200+002 .11400+002 .11600+002 .11800+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .75130-001   | .73002-001 | .70955-001 | .68982-001 | .67083-001 |
| 1   | .41322+000   | .40881+000 | .40444+000 | .40010+000 | .39579+000 |
| 2   | .37878+000   | .38156+000 | .38422+000 | .38676+000 | .38919+000 |
| 3   | .11574+000   | .11871+000 | .12167+000 | .12462+000 | .12757+000 |
| 4   | .15914-001   | .16619-001 | .17338-001 | .18070-001 | .18816-001 |
| 5   | .11670-002   | .12409-002 | .13177-002 | .13974-002 | .14802-002 |
| 6   | .50942-004   | .55151-004 | .59609-004 | .64327-004 | .69312-004 |
| H   | = .13310+002 | .13692+002 | .14094+002 | .14496+002 | .14907+002 |

THE TA = .12000+002 .12200+002 .12400+002 .12600+002 .12800+002

| I | P(I)         |            |            |            |            |
|---|--------------|------------|------------|------------|------------|
| 0 | .65252-001   | .63487-001 | .61785-001 | .60143-001 | .58558-001 |
| 1 | .39151+000   | .38727+000 | .38307+000 | .37890+000 | .37477+000 |
| 2 | .39151+000   | .39373+000 | .39584+000 | .39784+000 | .39975+000 |
| 3 | .13050+000   | .13343+000 | .13634+000 | .13925+000 | .14213+000 |
| 4 | .19576-001   | .20348-001 | .21133-001 | .21931-001 | .22742-001 |
| 5 | .15661-002   | .16550-002 | .17470-002 | .18422-002 | .19406-002 |
| 6 | .74574-004   | .80122-004 | .85964-004 | .92111-004 | .98571-004 |
| H | = .15325+002 | .15751+002 | .16195+002 | .16627+002 | .17077+002 |

THE TAE = .13000+.002    .13200+.002    .13400+.002    .13600+.002    .13800+.002

|   |              | P(I)       |            |            |            |
|---|--------------|------------|------------|------------|------------|
| 0 | .57027-001   | .55549-001 | .54122-001 | .52742-001 | .51407-001 |
| 1 | .37068+000   | .36663+000 | .36261+000 | .35864+000 | .35471+000 |
| 2 | .40157+000   | .40329+000 | .40492+000 | .40646+000 | .40792+000 |
| 3 | .14501+000   | .14787+000 | .15072+000 | .15355+000 | .15637+000 |
| 4 | .23564-001   | .24399-001 | .25246-001 | .26104-001 | .26974-001 |
| 5 | .20422-002   | .21471-002 | .22553-002 | .23667-002 | .24816-002 |
| 6 | .10535-003   | .11247-003 | .11992-003 | .12773-003 | .13590-003 |
| H | = .17535+002 | .18002+002 | .18477+002 | .18960+002 | .19452+002 |

THE TA = .14000+002 .14200+002 .14400+002 .14600+002 .14800+002

| I-  | P(I)       |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| 0   | .50117-001 | .48869-001 | .47661-001 | .46492-001 | .45361-001 |
| 1   | .35082+000 | .34697+000 | .34316+000 | .33939+000 | .33567+000 |
| 2   | .40929+000 | .41058+000 | .41179+000 | .41293+000 | .41399+000 |
| 3   | .15917+000 | .16195+000 | .16472+000 | .16747+000 | .17020+000 |
| 4   | .27854-001 | .28746-001 | .29649-001 | .30563-001 | .31486-001 |
| 5   | .25998-002 | .27213-002 | .28463-002 | .29748-002 | .31067-002 |
| 6   | .14443-003 | .15334-003 | .16265-003 | .17235-003 | .18245-003 |
| 7   | .51582-005 | .55548-005 | .59748-005 | .64190-005 | .68886-005 |
| H = | .19953+002 | .20463+002 | .20981+002 | .21509+002 | .22046+002 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 1$        $U_3 = 0$

$\Theta = .15000+002$      $.15500+002$      $.16000+002$      $.16500+002$      $.17000+002$

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .44265-001   | .41671-001 | .39272-001 | .37049-001 | .34986-001 |
| 1   | .33198+000   | .32295+000 | .31418+000 | .30565+000 | .29738+000 |
| 2   | .41498+000   | .41715+000 | .41890+000 | .42027+000 | .42129+000 |
| 3   | .17291+000   | .17960+000 | .18618+000 | .19263+000 | .19894+000 |
| 4   | .32420-001   | .34798-001 | .37236-001 | .39729-001 | .42275-001 |
| 5   | .32420-002   | .35958-002 | .39718-002 | .43702-002 | .47912-002 |
| 6   | .19298-003   | .22117-003 | .25218-003 | .28614-003 | .32321-003 |
| 7   | .73844-005   | .87453-005 | .10293-004 | .12044-004 | .14017-004 |
| H   | = .22591+002 | .23997+002 | .25463+002 | .26991+002 | .28583+002 |

$\Theta = .17500+002$      $.18000+002$      $.18500+002$      $.19000+002$      $.19500+002$

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .33069-001   | .31285-001 | .29622-001 | .28071-001 | .26623-001 |
| 1   | .28935+000   | .28156+000 | .27401+000 | .26668+000 | .25957+000 |
| 2   | .42197+000   | .42234+000 | .42243+000 | .42224+000 | .42181+000 |
| 3   | .20512+000   | .21317+000 | .21708+000 | .22285+000 | .22848+000 |
| 4   | .44871-001   | .47513-001 | .50200-001 | .52927-001 | .55632-001 |
| 5   | .52349-002   | .57016-002 | .61913-002 | .67040-002 | .72399-002 |
| 6   | .36354-003   | .40726-003 | .45452-003 | .50546-003 | .56023-003 |
| 7   | .16229-004   | .18701-004 | .21451-004 | .24499-004 | .27869-004 |
| H   | = .30240+002 | .31965+002 | .33758+002 | .35623+002 | .37562+002 |

$\Theta = .20000+002$      $.21000+002$      $.22000+002$      $.23000+002$      $.24000+002$

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .25268-001   | .22812-001 | .20651-001 | .18743-001 | .17052-001 |
| 1   | .25268+000   | .23953+000 | .22717+000 | .21554+000 | .20462+000 |
| 2   | .42114+000   | .41918+000 | .41647+000 | .41313+000 | .40924+000 |
| 3   | .23397+000   | .24452+000 | .25451+000 | .26394+000 | .27282+000 |
| 4   | .58492-001   | .64186-001 | .69990-001 | .75883-001 | .81847-001 |
| 5   | .77989-002   | .89861-002 | .10265-001 | .11635-001 | .13096-001 |
| 6   | .61896-003   | .74884-003 | .89617-003 | .10620-002 | .12472-002 |
| 7   | .31580-004   | .40116-004 | .50295-004 | .62309-004 | .76359-004 |
| H   | = .39575+002 | .43836+002 | .48423+002 | .53353+002 | .58646+002 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 1$      $U_3 = 0$

| $\Theta = .25000+002$ | $.30000+002$ | $.35000+002$ | $.40000+002$ | $.45000+002$ |            |
|-----------------------|--------------|--------------|--------------|--------------|------------|
| -I-                   |              | P(I)         |              |              |            |
| 0                     | .15547-001   | .10089-001   | .68161-002   | .47530-002   | .34009-002 |
| 1                     | .19434+000   | .15134+000   | .11928+000   | .95060-001   | .76520-001 |
| 2                     | .40488+000   | .37835+000   | .34790+000   | .31687+000   | .28695+000 |
| 3                     | .29117+000   | .31529+000   | .33824+000   | .35207+000   | .35869+000 |
| 4                     | .87865-001   | .11824+000   | .14798+000   | .17604+000   | .20176+000 |
| 5                     | .14644-001   | .23647-001   | .34529-001   | .46943-001   | .60528-001 |
| 6                     | .14528-002   | .28151-002   | .47956-002   | .74513-002   | .10809-001 |
| 7                     | .92653-004   | .21544-003   | .42818-003   | .76034-003   | .12408-002 |
| 8                     |              | .11221-004   | .26018-004   | .52801-004   | .96937-004 |
| 9                     |              |              |              |              | .53854-005 |
| H                     | = .64319+002 | .99114+002   | .14671+003   | .21039+003   | .29404+003 |
| $\Theta = .50000+002$ | $.55000+002$ | $.60000+002$ | $.65000+002$ | $.70000+002$ |            |
| -I-                   |              | P(I)         |              |              |            |
| 0                     | .24862-002   | .18509-002   | .13998-002   | .10732-002   | .83280-003 |
| 1                     | .62155-001   | .50901-001   | .41993-001   | .34879-001   | .29148-001 |
| 2                     | .25898+000   | .23329+000   | .20997+000   | .18893+000   | .17003+000 |
| 3                     | .35969+000   | .35642+000   | .34995+000   | .34112+000   | .33061+000 |
| 4                     | .22481+000   | .24504+000   | .26246+000   | .27716+000   | .28929+000 |
| 5                     | .74936-001   | .89848-001   | .10498+000   | .12010+000   | .13500+000 |
| 6                     | .14868-001   | .19610-001   | .24996-001   | .30979-001   | .37500-001 |
| 7                     | .18965-002   | .27514-002   | .38259-002   | .51368-002   | .66965-002 |
| 8                     | .16462-003   | .26272-003   | .39853-003   | .57967-003   | .81381-003 |
| 9                     | .10162-004   | .17839-004   | .29521-004   | .46517-004   | .70329-004 |
| H                     | = .40222+003 | .54027+003   | .71440+003   | .93180+003   | .12008+004 |
| $\Theta = .75000+002$ | $.80000+002$ | $.85000+002$ | $.90000+002$ | $.95000+002$ |            |
| -I-                   |              | P(I)         |              |              |            |
| 0                     | .55324-003   | .51737-003   | .41334-003   | .33286-003   | .26999-003 |
| 1                     | .24497-001   | .20695-001   | .17567-001   | .14979-001   | .12825-001 |
| 2                     | .15310+000   | .13797+000   | .12443+000   | .11234+000   | .10153+000 |
| 3                     | .31897+000   | .30659+000   | .29380+000   | .28085+000   | .26792+000 |
| 4                     | .29903+000   | .30659+000   | .31216+000   | .31596+000   | .31816+000 |
| 5                     | .14952+000   | .16351+000   | .17689+000   | .18957+000   | .20150+000 |
| 6                     | .44499-001   | .51909-001   | .59666-001   | .67705-001   | .75962-001 |
| 7                     | .85138-002   | .10594-001   | .12938-001   | .15544-001   | .18409-001 |
| 8                     | .11086-002   | .14714-002   | .19092-002   | .24288-002   | .30362-002 |
| 9                     | .10265-003   | .14532-003   | .20035-003   | .26987-003   | .35610-003 |
| 10                    | .69985-005   | .10569-004   | .15482-004   | .22080-004   | .30754-004 |
| H                     | = .15308+004 | .19329+004   | .24193+004   | .30043+004   | .37038+004 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1 U3 = 0

THETA= .10000+003

| -I- | -P(I)-       |  |  |  |  |
|-----|--------------|--|--|--|--|
| 0   | .22046-003   |  |  |  |  |
| 1   | .11023-001   |  |  |  |  |
| 2   | .91858-001   |  |  |  |  |
| 3   | .25516+000   |  |  |  |  |
| 4   | .31895+000   |  |  |  |  |
| 5   | .21264+000   |  |  |  |  |
| 6   | .84379-001   |  |  |  |  |
| 7   | .21525-001   |  |  |  |  |
| 8   | .37370-002   |  |  |  |  |
| 9   | .46136-003   |  |  |  |  |
| 10  | .41942-004   |  |  |  |  |
| H   | = .45360+004 |  |  |  |  |

U2 = 1 U3 = 1

THETA= .00000+000 .10000-001 .20000-001 .30000-001 .40000-001

| -I- | -P(I)-       |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .10000+001   | .99750+000 | .99502+000 | .99254+000 | .99008+000 |
| 1   |              | .24938-002 | .49751-002 | .74441-002 | .99008-002 |
| 2   |              |            | .55279-005 | .12407-004 | .22002-004 |
| H   | = .10000+001 | .10025+001 | .10050+001 | .10075+001 | .10100+001 |

THETA= .50000-001 .60000-001 .70000-001 .80000-001 .90000-001

| -I- | -P(I)-       |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .98762+000   | .98517+000 | .98274+000 | .98031+000 | .97789+000 |
| 1   | .12345-001   | .14778-001 | .17198-001 | .19606-001 | .22002-001 |
| 2   | .34292-004   | .49259-004 | .66881-004 | .87138-004 | .11001-003 |
| H   | = .10125+001 | .10150+001 | .10176+001 | .10201+001 | .10226+001 |

THETA= .10000+000 .11000+000 .12000+000 .13000+000 .14000+000

| -I- | -P(I)-       |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .97548+000   | .97308+000 | .97068+000 | .96830+000 | .96593+000 |
| 1   | .24387-001   | .26760-001 | .29121-001 | .31470-001 | .33808-001 |
| 2   | .13548-003   | .16353-003 | .19414-003 | .22728-003 | .26295-003 |
| H   | = .10251+001 | .10277+001 | .10302+001 | .10327+001 | .10353+001 |

THETA= .15000+000 .16000+000 .17000+000 .18000+000 .19000+000

| -I- | -P(I)-       |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .96356+000   | .96121+000 | .95886+000 | .95652+000 | .95420+000 |
| 1   | .36134-001   | .38448-001 | .40752-001 | .43044-001 | .45324-001 |
| 2   | .30111-003   | .34176-003 | .38488-003 | .43344-003 | .47842-003 |
| H   | = .10378+001 | .10404+001 | .10429+001 | .10455+001 | .10480+001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSLE DISTRIBUTION

$U_2 = 1$        $U_3 = 1$

$\Theta = .20000+000$      $.21000+000$      $.22000+000$      $.23000+000$      $.24000+000$

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | $P(I)$       |            |            |            |            |
| 0   | .95188+000   | .94956+000 | .94726+000 | .94497+000 | .94268+000 |
| 1   | .47594-001   | .49852-001 | .52099-001 | .54336-001 | .56561-001 |
| 2   | .52882-003   | .59161-003 | .63677-003 | .69429-003 | .75414-003 |
| H   | = .10506+001 | .10531+001 | .10557+001 | .10582+001 | .10608+001 |

$\Theta = .25000+000$      $.26000+000$      $.27000+000$      $.28000+000$      $.29000+000$

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | $P(I)$       |            |            |            |            |
| 0   | .94040+000   | .93814+000 | .93586+000 | .93362+000 | .93138+000 |
| 1   | .58775-001   | .60979-001 | .63172-001 | .65354-001 | .67525-001 |
| 2   | .81632-003   | .88081-003 | .94757-003 | .10166-002 | .10879-002 |
| 3   |              |            | .53301-005 | .59302-005 | .65728-005 |
| H   | = .10634+001 | .10659+001 | .10685+001 | .10711+001 | .10737+001 |

$\Theta = .30000+000$      $.31000+000$      $.32000+000$      $.33000+000$      $.34000+000$

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | $P(I)$       |            |            |            |            |
| 0   | .92915+000   | .92692+000 | .92470+000 | .92249+000 | .92029+000 |
| 1   | .69686-001   | .71836-001 | .73976-001 | .76105-001 | .78224-001 |
| 2   | .11614-002   | .12372-002 | .13151-002 | .13953-002 | .14776-002 |
| 3   | .72589-005   | .79901-005 | .87675-005 | .95925-005 | .10466-004 |
| H   | = .10763+001 | .10788+001 | .10814+001 | .10840+001 | .10856+001 |

$\Theta = .35000+000$      $.36000+000$      $.37000+000$      $.38000+000$      $.39000+000$

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | $P(I)$       |            |            |            |            |
| 0   | .91809+000   | .91591+000 | .91373+000 | .91156+000 | .90940+000 |
| 1   | .80333-001   | .82432-001 | .84520-001 | .86598-001 | .88666-001 |
| 2   | .15620-002   | .16486-002 | .17374-002 | .18282-002 | .19211-002 |
| 3   | .11390-004   | .12365-004 | .13392-004 | .14473-004 | .15609-004 |
| H   | = .10892+001 | .10918+001 | .10944+001 | .10970+001 | .10996+001 |

$\Theta = .40000+000$      $.41000+000$      $.42000+000$      $.43000+000$      $.44000+000$

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | $P(I)$       |            |            |            |            |
| 0   | .90724+000   | .90510+000 | .90296+000 | .90083+000 | .89870+000 |
| 1   | .90724-001   | .92772-001 | .94811-001 | .96839-001 | .98857-001 |
| 2   | .20161-002   | .21131-002 | .22122-002 | .23134-002 | .24165-002 |
| 3   | .16801-004   | .18050-004 | .19357-004 | .20724-004 | .22151-004 |
| H   | = .10222+001 | .11049+001 | .11075+001 | .11101+001 | .11127+001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 1$        $U_3 = 1$

| THETA = .45000+000 |              | .46000+000 | .47000+000 | .48000+000 | .49000+000 |
|--------------------|--------------|------------|------------|------------|------------|
| -----              |              | P(I) ----- |            |            |            |
| -I-                |              |            |            |            |            |
| 0                  | .89659+000   | .89448+000 | .89238+000 | .89029+000 | .88820+000 |
| 1                  | .10087+000   | .10287+000 | .10485+000 | .10683+000 | .10880+000 |
| 2                  | .25217-002   | .26288-002 | .27379-002 | .28489-002 | .29619-002 |
| 3                  | .23641-004   | .25192-004 | .26808-004 | .28489-004 | .30236-004 |
| H                  | = .11153+001 | .11180+001 | .11206+001 | .11232+001 | .11259+001 |
| THETA = .50000+000 |              | .60000+000 | .70000+000 | .80000+000 | .90000+000 |
| -----              |              | P(I) ----- |            |            |            |
| -I-                |              |            |            |            |            |
| 0                  | .88613+000   | .86575+000 | .84609+000 | .82710+000 | .80876+000 |
| 1                  | .11077+000   | .12986+000 | .14807+000 | .16542+000 | .18197+000 |
| 2                  | .30768-002   | .43288-002 | .57581-002 | .73520-002 | .90985-002 |
| 3                  | .32050-004   | .54110-004 | .83973-004 | .12253-003 | .17060-003 |
| H                  | = .11285+001 | .11551+001 | .11819+001 | .12090+001 | .12365+001 |
| THETA = .10000+001 |              | .11000+001 | .12000+001 | .13000+001 | .14000+001 |
| -----              |              | P(I) ----- |            |            |            |
| -I-                |              |            |            |            |            |
| 0                  | .79103+000   | .77388+000 | .75729+000 | .74123+000 | .72567+000 |
| 1                  | .19776+000   | .21282+000 | .22719+000 | .24090+000 | .25399+000 |
| 2                  | .10986-001   | .13005-001 | .15146-001 | .17398-001 | .19754-001 |
| 3                  | .22888-003   | .29804-003 | .37864-003 | .47120-003 | .57617-003 |
| 4                  |              |            |            | .61256-005 | .80664-005 |
| H                  | = .12642+001 | .12922+001 | .13205+001 | .13491+001 | .13780+001 |
| THETA = .15000+001 |              | .16000+001 | .17000+001 | .18000+001 | .19000+001 |
| -----              |              | P(I) ----- |            |            |            |
| -I-                |              |            |            |            |            |
| 0                  | .71061+000   | .69501+000 | .68186+000 | .66813+000 | .65481+000 |
| 1                  | .26648+000   | .27840+000 | .28979+000 | .30066+000 | .31103+000 |
| 2                  | .22207-001   | .24747-001 | .27369-001 | .30066-001 | .32831-001 |
| 3                  | .69396-003   | .82490-003 | .96932-003 | .11275-002 | .12996-002 |
| 4                  | .10409-004   | .13198-004 | .16478-004 | .20294-004 | .24692-004 |
| H                  | = .14072+001 | .14368+001 | .14666+001 | .14967+001 | .15272+001 |
| THETA = .20000+001 |              | .21000+001 | .22000+001 | .23000+001 | .24000+001 |
| -----              |              | P(I) ----- |            |            |            |
| -I-                |              |            |            |            |            |
| 0                  | .64188+000   | .62933+000 | .61714+000 | .60530+000 | .59379+000 |
| 1                  | .32094+000   | .33040+000 | .33943+000 | .34805+000 | .35627+000 |
| 2                  | .35660-001   | .38547-001 | .41486-001 | .44473-001 | .47503-001 |
| 3                  | .14858-002   | .16864-002 | .19014-002 | .21310-002 | .23752-002 |
| 4                  | .29717-004   | .35415-004 | .41831-004 | .49013-004 | .57004-004 |
| H                  | = .15579+001 | .15890+001 | .16204+001 | .16521+001 | .16841+001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1 U3 = 1

| THE TAU = .25000+001 |              | .26000+001 | .27000+001 | .28000+001 | .29000+001 |
|----------------------|--------------|------------|------------|------------|------------|
| -I-                  |              | P(I)       |            |            |            |
| 0                    | .58260+000   | .57172+000 | .56114+000 | .55084+000 | .54081+000 |
| 1                    | .36413+000   | .37162+000 | .37877+000 | .38559+000 | .39209+000 |
| 2                    | .50573-001   | .53678-001 | .56815-001 | .59980-001 | .63170-001 |
| 3                    | .26340-002   | .29076-002 | .31958-002 | .34988-002 | .38165-002 |
| 4                    | .65850-004   | .75597-004 | .86288-004 | .97967-004 | .11068-003 |
| H                    | = .17164+001 | .17491+001 | .17821+001 | .18154+001 | .18491+001 |
| THE TAU = .30000+001 |              | .31000+001 | .32000+001 | .33000+001 | .34000+001 |
| -I-                  |              | P(I)       |            |            |            |
| 0                    | .53105+000   | .52155+000 | .51229+000 | .50327+000 | .49448+000 |
| 1                    | .39829+000   | .40420+000 | .40983+000 | .41520+000 | .42031+000 |
| 2                    | .66382-001   | .69612-001 | .72859-001 | .76120-001 | .79392-001 |
| 3                    | .41489-002   | .44958-002 | .48573-002 | .52332-002 | .56236-002 |
| 4                    | .12447-003   | .13937-003 | .15543-003 | .17270-003 | .19120-003 |
| H                    | = .18831+001 | .19174+001 | .19520+001 | .19870+001 | .20223+001 |
| THE TAU = .35000+001 |              | .36000+001 | .37000+001 | .38000+001 | .39000+001 |
| -I-                  |              | P(I)       |            |            |            |
| 0                    | .48591+000   | .47756+000 | .46941+000 | .46146+000 | .45370+000 |
| 1                    | .42517+000   | .42980+000 | .43420+000 | .43838+000 | .44236+000 |
| 2                    | .82672-001   | .85960-001 | .89252-001 | .92548-001 | .95844-001 |
| 3                    | .60282-002   | .64470-002 | .68799-002 | .73267-002 | .77873-002 |
| 4                    | .21099-003   | .23209-003 | .25456-003 | .27841-003 | .30371-003 |
| 5                    |              |            | .52325-005 | .58776-005 | .65803-005 |
| H                    | = .20580+001 | .20940+001 | .21303+001 | .21670+001 | .22041+001 |
| THE TAU = .40000+001 |              | .41000+001 | .42000+001 | .43000+001 | .44000+001 |
| -I-                  |              | P(I)       |            |            |            |
| 0                    | .44613+000   | .43876+000 | .43153+000 | .42448+000 | .41760+000 |
| 1                    | .44613+000   | .44971+000 | .45310+000 | .45632+000 | .45936+000 |
| 2                    | .99140-001   | .10243+000 | .10572+000 | .10901+000 | .11229+000 |
| 3                    | .82617-002   | .87495-002 | .92508-002 | .97654-002 | .10293-001 |
| 4                    | .33047-003   | .35873-003 | .38853-003 | .41991-003 | .45299-003 |
| 5                    | .73437-005   | .81711-005 | .90658-005 | .10031-004 | .11072-004 |
| H                    | = .22415+001 | .22793+001 | .23178+001 | .23558+001 | .23946+001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = X$        $U_3 = Y$

| $\Theta\eta\tau\alpha =$ | .45000+001   | .46000+001 | .47000+001 | .48000+001 | .49000+001 |
|--------------------------|--------------|------------|------------|------------|------------|
| -I-                      |              |            | P(I)       |            |            |
| 0                        | .41087+000   | .40430+000 | .39788+000 | .39161+000 | .38547+000 |
| 1                        | .46223+000   | .46495+000 | .46751+000 | .46993+000 | .47220+000 |
| 2                        | .11556+000   | .11882+000 | .12207+000 | .12531+000 | .12854+000 |
| 3                        | .10834-001   | .11387-001 | .11953-001 | .12531-001 | .13122-001 |
| 4                        | .48751-003   | .52380-003 | .56179-003 | .60151-003 | .64299-003 |
| 5                        | .12188-004   | .13386-004 | .14669-004 | .16040-004 | .17504-004 |
| H                        | = .24338+001 | .24734+001 | .25133+001 | .25536+001 | .25942+001 |
| $\Theta\eta\tau\alpha =$ | .50000+001   | .52000+001 | .54000+001 | .56000+001 | .58000+001 |
| -I-                      |              |            | P(I)       |            |            |
| 0                        | .37947+000   | .36786+000 | .35675+000 | .34610+000 | .33590+000 |
| 1                        | .47434+000   | .47822+000 | .48161+000 | .48455+000 | .48706+000 |
| 2                        | .13176+000   | .13815+000 | .14448+000 | .15075+000 | .15694+000 |
| 3                        | .13725-001   | .14966-001 | .16254-001 | .17587-001 | .18964-001 |
| 4                        | .69625-003   | .77826-003 | .87773-003 | .98488-003 | .10999-002 |
| 5                        | .19063-004   | .22483-004 | .26372-004 | .30641-004 | .35441-004 |
| H                        | = .26353+001 | .27184+001 | .28331+001 | .28893+001 | .29771+001 |
| $\Theta\eta\tau\alpha =$ | .60000+001   | .62000+001 | .64000+001 | .66000+001 | .68000+001 |
| -I-                      |              |            | P(I)       |            |            |
| 0                        | .33612+000   | .31673+000 | .30771+000 | .29905+000 | .29073+000 |
| 1                        | .48918+000   | .49093+000 | .49234+000 | .49344+000 | .49424+000 |
| 2                        | .16306+000   | .16910+000 | .17506+000 | .18093+000 | .18671+000 |
| 3                        | .20382-001   | .21842-001 | .23341-001 | .24878-001 | .26451-001 |
| 4                        | .12229-002   | .13542-002 | .14938-002 | .16419-002 | .17987-002 |
| 5                        | .40765-004   | .46644-004 | .53113-004 | .60204-004 | .67950-004 |
| H                        | = .30664+001 | .31573+001 | .32498+001 | .33439+001 | .34396+001 |
| $\Theta\eta\tau\alpha =$ | .70000+001   | .72000+001 | .74000+001 | .76000+001 | .78000+001 |
| -I-                      |              |            | P(I)       |            |            |
| 0                        | .28272+000   | .27582+000 | .26761+000 | .26046+000 | .25358+000 |
| 1                        | .49477+000   | .49504+000 | .49507+000 | .49488+000 | .49448+000 |
| 2                        | .19241+000   | .19821+000 | .20363+000 | .20895+000 | .21426+000 |
| 3                        | .28060-001   | .29782-001 | .31377-001 | .33084-001 | .34820-001 |
| 4                        | .19642-002   | .21386-002 | .23219-002 | .25194-002 | .27160-002 |
| 5                        | .76385-004   | .85582-004 | .95457-004 | .10616-003 | .11764-003 |
| H                        | = .35370+001 | .36361+001 | .37369+001 | .38393+001 | .39435+001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1      U3 = 1

| THETA = .80000+001 |              | .82000+001 | .84000+001 | .86000+001 | .88000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .24695+000   | .24055+000 | .23438+000 | .22842+000 | .22267+000 |
| 1                  | .49390+000   | .49313+000 | .49220+000 | .49111+000 | .48987+000 |
| 2                  | .21951+000   | .22465+000 | .22969+000 | .23464+000 | .23949+000 |
| 3                  | .36585-001   | .38377-001 | .40196-001 | .42040-001 | .43907-001 |
| 4                  | .29268-002   | .31469-002 | .33765-002 | .36154-002 | .38639-002 |
| 5                  | .13008-003   | .14336-003 | .15757-003 | .17274-003 | .18890-003 |
| 6                  |              |            |            | .50528-005 | .56541-005 |
| H                  | = .40494+001 | .41571+001 | .42666+001 | .43779+001 | .44910+001 |
| THETA = .90000+001 |              | .920-0+001 | .94000+001 | .96000+001 | .98000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .21711+000   | .21174+000 | .20655+000 | .20153+000 | .19668+000 |
| 1                  | .48850+000   | .48701+000 | .48540+000 | .48368+000 | .48186+000 |
| 2                  | .24425+000   | .24892+000 | .25349+000 | .25796+000 | .26235+000 |
| 3                  | .45797-001   | .47709-001 | .49641-001 | .51593-001 | .53563-001 |
| 4                  | .41218-002   | .43892-002 | .46663-002 | .49529-002 | .52492-002 |
| 5                  | .20609-003   | .22434-003 | .24368-003 | .26416-003 | .28579-003 |
| 6                  | .63088-005   | .70201-005 | .77912-005 | .86255-005 | .95262-005 |
| H                  | = .46059+001 | .47227+001 | .48414+001 | .49619+001 | .50844+001 |
| THETA = .10000+002 |              | .10200+002 | .10400+002 | .10600+002 | .10800+002 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .19198+000   | .18743+000 | .18303+000 | .17876+000 | .17463+000 |
| 1                  | .47995+000   | .47796+000 | .47588+000 | .47373+000 | .47151+000 |
| 2                  | .26664+000   | .27084+000 | .27495+000 | .27897+000 | .28290+000 |
| 3                  | .55550-001   | .57554-001 | .59573-001 | .61606-001 | .63653-001 |
| 4                  | .55550-002   | .58705-002 | .61956-002 | .65303-002 | .68746-002 |
| 5                  | .30861-003   | .33266-003 | .35797-003 | .38456-003 | .41247-003 |
| 6                  | .10497-004   | .11541-004 | .12663-004 | .13865-004 | .15152-004 |
| H                  | = .52086+001 | .53352+001 | .54636+001 | .55939+001 | .57263+001 |
| THETA = .11000+002 |              | .11200+002 | .11400+002 | .11600+002 | .11800+002 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .17063+000   | .16674+000 | .16298+000 | .15933+000 | .15578+000 |
| 1                  | .46922+003   | .46688+000 | .46449+000 | .46205+000 | .45956+000 |
| 2                  | .29675+000   | .29051+000 | .29418+000 | .29776+000 | .30126+000 |
| 3                  | .65713-001   | .67785-001 | .69867-001 | .71959-001 | .74061-001 |
| 4                  | .72284-002   | .75919-002 | .79648-002 | .83473-002 | .87392-002 |
| 5                  | .49174-003   | .47236-003 | .50444-003 | .53704-003 | .57290-003 |
| 6                  | .16528-004   | .17996-004 | .19560-004 | .21225-004 | .22994-004 |
| H                  | = .58607+001 | .59972+001 | .61358+001 | .62764+001 | .64192+001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 1$      $U_3 = 1$

THE TAU = .12000+002    .12200+002    .12400+002    .12600+002    .12800+002

| -I- | P(I)       |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| 0   | .15234+000 | .14900+000 | .14576+000 | .14261+000 | .13955+000 |
| 1   | .45703+000 | .45446+000 | .45186+000 | .44923+000 | .44656+000 |
| 2   | .30468+000 | .30802+000 | .31128+000 | .31446+000 | .31756+000 |
| 3   | .76171-001 | .78289-001 | .80414-001 | .82545-001 | .84682-001 |
| 4   | .91405-002 | .95513-002 | .99713-002 | .10401-001 | .10839-001 |
| 5   | .60937-003 | .64736-003 | .68691-003 | .72805-003 | .77079-003 |
| 6   | .24872-004 | .26963-004 | .28972-004 | .31202-004 | .33558-004 |
| H = | .65642+001 | .67113+001 | .68606+001 | .70121+001 | .71658+001 |

THE TAU = .13000+002    .13200+002    .13400+002    .13600+002    .13800+002

| -I- | P(I)       |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| 0   | .13658+000 | .13369+000 | .13088+000 | .12815+000 | .12549+000 |
| 1   | .44388+000 | .44117+000 | .43844+000 | .43570+000 | .43294+000 |
| 2   | .32058+000 | .32353+000 | .32640+000 | .32919+000 | .33192+000 |
| 3   | .86824-001 | .88970-001 | .91119-001 | .93272-001 | .95427-001 |
| 4   | .11287-001 | .11744-001 | .12210-001 | .12685-001 | .13169-001 |
| 5   | .81518-003 | .86123-003 | .90896-003 | .95842-003 | .10096-002 |
| 6   | .36045-004 | .38667-004 | .41429-004 | .44335-004 | .47390-004 |
| H = | .73218+001 | .74901+001 | .76407+001 | .78036+001 | .79688+001 |

THE TAU = .14000+002    .14200+002    .14400+002    .14600+002    .14800+002

| -I- | P(I)       |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| 0   | .12290+000 | .12039+000 | .11794+000 | .11556+000 | .11324+000 |
| 1   | .43016+000 | .42738+000 | .42458+000 | .42178+000 | .41897+000 |
| 2   | .37457+000 | .33715+000 | .33967+000 | .34211+000 | .34449+000 |
| 3   | .97584-001 | .99742-001 | .10190+000 | .10406+000 | .10622+000 |
| 4   | .13662-001 | .14163-001 | .14674-001 | .15193-001 | .15720-001 |
| 5   | .10626-002 | .11173-002 | .11739-002 | .12323-002 | .12926-002 |
| 6   | .50599-004 | .53966-004 | .57497-004 | .61196-004 | .65067-004 |
| H = | .81364+001 | .83068+001 | .84789+001 | .86557+001 | .88311+001 |

THE TAU = .15000+002    .15500+002    .16000+002    .16500+002    .17000+002

| -I- | P(I)       |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| 0   | .11098+000 | .10558+000 | .10352+000 | .95773-001 | .91313-001 |
| 1   | .41616+000 | .40912+000 | .40208+000 | .39506+000 | .38808+000 |
| 2   | .34680+000 | .35230+000 | .35741+000 | .36214+000 | .36652+000 |
| 3   | .10838+000 | .11376+000 | .11914+000 | .12449+000 | .12981+000 |
| 4   | .16256-001 | .17633-001 | .19052-001 | .20540-001 | .22068-001 |
| 5   | .13547-002 | .15184-002 | .16944-002 | .18829-002 | .20842-002 |
| 6   | .69117-004 | .80053-004 | .92211-004 | .10567-003 | .12051-003 |
| H = | .90109+001 | .94715+001 | .99482+001 | .10441+002 | .10951+002 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSLE DISTRIBUTION

$U_2 = 1$        $U_3 = 1$

| THETA = .17500+002 |              | .18000+002 | .18500+002 | .19000+002 | .19500+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .87119-001   | .83170-001 | .79450-001 | .75941-001 | .72629-001 |
| 1                  | .35114+000   | .37427+000 | .36745+000 | .36072+000 | .35407+000 |
| 2                  | .37056+000   | .37427+000 | .37766+000 | .38076+000 | .38357+000 |
| 3                  | .13510+000   | .14035+000 | .14556+000 | .15072+000 | .15583+000 |
| 4                  | .23642-001   | .25263-001 | .26928-001 | .28636-001 | .30386-001 |
| 5                  | .22986-002   | .25263-002 | .27676-002 | .30227-002 | .32918-002 |
| 6                  | .13682-003   | .15467-003 | .17415-003 | .19535-003 | .21834-003 |
| 7                  | .53445-005   | .62145-005 | .71915-005 | .82848-005 | .95034-005 |
| H                  | = .11479+002 | .12026+002 | .12587+002 | .13168+002 | .13769+002 |
| THETA = .20000+002 |              | .21000+002 | .22000+002 | .23000+002 | .24000+002 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .69500-001   | .63743-001 | .58581-001 | .53939-001 | .49754-001 |
| 1                  | .34750+000   | .33465+000 | .32219+000 | .31015+000 | .29852+000 |
| 2                  | .38611+000   | .39043+000 | .39379+000 | .39630+000 | .39803+000 |
| 3                  | .16088+000   | .17081+000 | .18049+000 | .18989+000 | .19901+000 |
| 4                  | .32176-001   | .35878-001 | .39708-001 | .43676-001 | .47763-001 |
| 5                  | .35751-002   | .41849-002 | .48531-002 | .55808-002 | .63685-002 |
| 6                  | .24321-003   | .29892-003 | .36316-003 | .43659-003 | .51987-003 |
| 7                  | .10857-004   | .14012-004 | .17834-004 | .22414-004 | .27850-004 |
| H                  | = .14388+002 | .15683+002 | .17070+002 | .18539+002 | .20099+002 |
| THETA = .25000+002 |              | .30000+002 | .35000+002 | .40000+002 | .45000+002 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .45971-001   | .31656-001 | .22490-001 | .16383-001 | .12184-001 |
| 1                  | .28732+000   | .23742+000 | .19678+000 | .16383+000 | .13707+000 |
| 2                  | .39505+000   | .39570+000 | .38264+000 | .36406+000 | .34257+000 |
| 3                  | .20764+000   | .24731+000 | .27900+000 | .30339+000 | .32125+000 |
| 4                  | .51960-001   | .74194-001 | .97652-001 | .12135+000 | .14456+000 |
| 5                  | .72166-002   | .12366-001 | .18988-001 | .26968-001 | .36141-001 |
| 6                  | .61366-003   | .12610-002 | .22605-002 | .36691-002 | .55317-002 |
| 7                  | .34244-004   | .84496-004 | .17660-003 | .32760-003 | .55564-003 |
| H                  | = .21753+002 | .31590+002 | .44665+002 | .61039+002 | .82077+002 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1    U3 = 1

THETA = .50000+002    .55000+002    .60000+002    .65000+002    .70000+002

| -I- |              |            |            |            |            | P(I) |
|-----|--------------|------------|------------|------------|------------|------|
| 0   | .92203-002   | .70827-002 | .55119-002 | .43387-002 | .34501-002 |      |
| 1   | .11525+000   | .97387-001 | .82678-001 | .70504-001 | .60376-001 |      |
| 2   | .32015+000   | .29757+000 | .27559+000 | .25460+000 | .23480+000 |      |
| 3   | .33349+000   | .34097+000 | .34449+000 | .34477+000 | .34241+000 |      |
| 4   | .16674+000   | .18753+000 | .20670+000 | .22410+000 | .23969+000 |      |
| 5   | .46318-001   | .57302-001 | .68898-001 | .80925-001 | .93212-001 |      |
| 6   | .78772-002   | .80720-001 | .84061-001 | .17892-001 | .22193-001 |      |
| 7   | .87915-003   | .13160-002 | .18832-002 | .25959-002 | .34677-002 |      |
| 8   | .67836-004   | .11170-003 | .17437-003 | .26039-003 | .37460-003 |      |
| 9   |              | .68261-005 | .11624-004 | .18806-004 | .29135-004 |      |
| H   | = .10846+003 | .14119+003 | .18143+003 | .23048+003 | .28985+003 |      |

THETA = .75000+002    .80000+002    .85000+002    .90000+002    .95000+002

| -I- |              |            |            |            |            | P(I) |
|-----|--------------|------------|------------|------------|------------|------|
| 0   | .27685-002   | .22398-002 | .18256-002 | .14981-002 | .12371-002 |      |
| 1   | .51909-001   | .44796-001 | .38794-001 | .33708-001 | .29381-001 |      |
| 2   | .21629+000   | .19909+000 | .18319+000 | .16854+000 | .15506+000 |      |
| 3   | .33795+000   | .33182+000 | .32441+000 | .31601+000 | .30690+000 |      |
| 4   | .25346+000   | .26546+000 | .27575+000 | .28441+000 | .29155+000 |      |
| 5   | .10561+000   | .11793+000 | .13021+000 | .14221+000 | .15388+000 |      |
| 6   | .26941-001   | .32104-001 | .37647-001 | .43532-001 | .49722-001 |      |
| 7   | .45102-002   | .57328-002 | .71428-002 | .87853-002 | .10544-001 |      |
| 8   | .52201-003   | .70775-003 | .93694-003 | .12146-002 | .15658-002 |      |
| 9   | .43501-004   | .62911-004 | .80489-004 | .12146-003 | .16316-003 |      |
| 10  |              |            | .62161-005 | .90344-005 | .12810-004 |      |
| H   | = .36122+003 | .44647+003 | .54776+003 | .66750+003 | .80835+003 |      |

THETA = .10003+003

| -I- |              |  |  |  |  | P(I) |
|-----|--------------|--|--|--|--|------|
| 0   | .10274-002   |  |  |  |  |      |
| 1   | .25685-001   |  |  |  |  |      |
| 2   | .14269+000   |  |  |  |  |      |
| 3   | .29728+000   |  |  |  |  |      |
| 4   | .29728+000   |  |  |  |  |      |
| 5   | .16515+000   |  |  |  |  |      |
| 6   | .56175-001   |  |  |  |  |      |
| 7   | .12539-001   |  |  |  |  |      |
| 8   | .19390-002   |  |  |  |  |      |
| 9   | .21500-003   |  |  |  |  |      |
| 10  | .37769-004   |  |  |  |  |      |
| H   | = .97334+003 |  |  |  |  |      |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSLE DISTRIBUTION

$U_2 = 2 \quad U_3 = 0$

THETA = .00000+000 .10000-001 .20000-001 .30000-001 .40000-001  
 -I- ----- P(I) -----  
 0 .10000+001 .99668+000 .99337+000 .99008+000 .98681+000  
 1 .33223-002 .66225-002 .99008-002 .13157-001  
 2 .82781-005 .18564-004 .32894-004  
 H = .50000+000 .50167+000 .50534+000 .50501+000 .50668+000

THETA = .50000-001 .60000-001 .70000-001 .80000-001 .90000-001  
 -I- ----- P(I) -----  
 0 .98356+000 .98032+000 .97710+000 .97390+000 .97071+000  
 1 .15393-001 .19606-001 .22799-001 .25971-001 .29121-001  
 2 .51227-004 .73524-004 .99746-004 .12985-003 .16381-003  
 H = .50836+000 .51004+000 .51172+000 .51340+000 .51508+000

THETA = .10000+000 .11000+000 .12000+000 .13000+000 .14000+000  
 -I- ----- P(I) -----  
 0 .96755+000 .96440+000 .96126+000 .95814+000 .95504+000  
 1 .32252-001 .35361-001 .38450-001 .41519-001 .44569-001  
 2 .20157-003 .24311-003 .28838-003 .33735-003 .38997-003  
 H = .51677+000 .51846+000 .52015+000 .52184+000 .52354+000

THETA = .15000+000 .16000+000 .17000+000 .18000+000 .19000+000  
 -I- ----- P(I) -----  
 0 .95195+000 .94888+000 .94583+000 .94279+000 .93977+000  
 1 .47598-001 .50607-001 .53597-001 .56568-001 .59519-001  
 2 .44623-003 .50607-003 .56947-003 .63639-003 .70679-003  
 H = .52524+000 .52693+000 .52864+000 .53034+000 .53204+000

THETA = .20000+000 .21000+000 .22000+000 .23000+000 .24000+000  
 -I- ----- P(I) -----  
 0 .93676+000 .93377+000 .93080+000 .92784+000 .92489+000  
 1 .62051-001 .65364-001 .68259-001 .71134-001 .73991-001  
 2 .78064-003 .85790-003 .91855-003 .10226-002 .11099-002  
 3 .52264-005 .59193-005  
 H = .53375+000 .53546+000 .53717+000 .53889+000 .54060+000

THETA = .25000+000 .26000+000 .27000+000 .28000+000 .29000+000  
 -I- ----- P(I) -----  
 0 .92196+000 .91905+000 .91615+000 .91326+000 .91039+000  
 1 .76830-001 .79651-001 .82453-001 .85238-001 .88004-001  
 2 .12005-002 .12943-002 .13914-002 .14917-002 .15951-002  
 3 .66693-005 .74783-005 .81484-005 .92814-005 .10279-004  
 H = .50212+000 .50404+000 .54576+000 .54749+000 .54922+000

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 2$        $U_3 = 0$

| THETA = .30000+000 |              | .31000+000 | .32000+000 | .33000+000 | .34000+000 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              |            | P(I)       |            |            |
| 0                  | .90753+000   | .90469+000 | .90186+000 | .89905+000 | .89625+000 |
| 1                  | .90753-001   | .93485-001 | .96199-001 | .98895-001 | .10158+000 |
| 2                  | .17016-002   | .18113-002 | .19240-002 | .20397-002 | .21585-002 |
| 3                  | .11344-004   | .12478-004 | .13682-004 | .14958-004 | .16308-004 |
| H                  | = .55094+000 | .55267+000 | .55441+000 | .55614+000 | .55788+000 |
| THETA = .35000+000 |              | .36000+000 | .37000+000 | .38000+000 | .39000+000 |
| -I-                |              |            | P(I)       |            |            |
| 0                  | .89346+000   | .89069+000 | .88793+000 | .88519+000 | .88246+000 |
| 1                  | .10424+000   | .10688+000 | .10951+000 | .11212+000 | .11472+000 |
| 2                  | .22802-002   | .24049-002 | .25325-002 | .26629-002 | .27963-002 |
| 3                  | .17735-004   | .19239-004 | .20822-004 | .22487-004 | .24235-004 |
| H                  | = .55962+000 | .56136+000 | .56310+000 | .56485+000 | .56660+000 |
| THETA = .40000+000 |              | .41000+000 | .42000+000 | .43000+000 | .44000+000 |
| -I-                |              |            | P(I)       |            |            |
| 0                  | .87974+000   | .87704+000 | .87435+000 | .87167+000 | .86901+000 |
| 1                  | .11730+000   | .11986+000 | .12241+000 | .12494+000 | .12745+000 |
| 2                  | .29325-002   | .30715-002 | .32132-002 | .33577-002 | .35050-002 |
| 3                  | .26066-004   | .27984-004 | .29990-004 | .32035-004 | .34271-004 |
| H                  | = .56835+000 | .57010+000 | .57185+000 | .57361+000 | .57537+000 |
| THETA = .45000+000 |              | .46000+000 | .47000+000 | .48000+000 | .49000+000 |
| -I-                |              |            | P(I)       |            |            |
| 0                  | .86636+000   | .86372+000 | .86109+000 | .85848+000 | .85588+000 |
| 1                  | .12995+000   | .13244+000 | .13490+000 | .13736+000 | .13979+000 |
| 2                  | .36549-002   | .38076-002 | .39628-002 | .41207-002 | .42812-002 |
| 3                  | .36549-004   | .38922-004 | .41389-004 | .43954-004 | .46617-004 |
| H                  | = .57713+000 | .57889+000 | .58066+000 | .58243+000 | .58420+000 |
| THETA = .50000+000 |              | .60000+000 | .70000+000 | .80000+000 | .90000+000 |
| -I-                |              |            | P(I)       |            |            |
| 0                  | .85329+000   | .82809+000 | .80405+000 | .78110+000 | .75918+000 |
| 1                  | .19222+000   | .16562+000 | .18761+000 | .20829+000 | .22775+000 |
| 2                  | .44442-002   | .62107-002 | .82090-002 | .10615-001 | .12811-001 |
| 3                  | .49380-004   | .62809-004 | .12768-003 | .18515-003 | .25622-003 |
| H                  | = .58597+000 | .60380+000 | .62185+000 | .64012+000 | .65861+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2 U3 = 0

THETA = .10000+001 .11000+001 .12000+001 .13000+001 .14000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .73821+000   | .71813+000 | .69890+000 | .68047+000 | .66278+000 |
| 1   | .24607+000   | .26332+000 | .27956+000 | .29487+000 | .30930+000 |
| 2   | .15379-001   | .18103-001 | .20967-001 | .23958-001 | .27064-001 |
| 3   | .34176-003   | .44252-003 | .55912-003 | .69213-003 | .84198-003 |
| 4   |              | .50705-005 | .69890-005 | .93725-005 | .12279-004 |
| H   | = .67732+000 | .69625+000 | .71541+000 | .73479+000 | .75439+000 |

THETA = .15000+001 .16000+001 .17000+001 .18000+001 .19000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .64580+000   | .62949+000 | .61380+000 | .59871+000 | .58419+000 |
| 1   | .32290+000   | .33573+000 | .34782+000 | .35923+000 | .36999+000 |
| 2   | .30272-001   | .33573-001 | .36956-001 | .40413-001 | .43936-001 |
| 3   | .10091-002   | .11937-002 | .13961-002 | .16165-002 | .18551-002 |
| 4   | .15767-004   | .19895-004 | .24723-004 | .30310-004 | .36715-004 |
| H   | = .77423+000 | .79430+000 | .81460+000 | .83513+000 | .85589+000 |

THETA = .20000+001 .21000+001 .22000+001 .23000+001 .24000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .57020+000   | .55671+000 | .54371+000 | .53117+000 | .51906+000 |
| 1   | .38013+000   | .38970+000 | .39872+000 | .40723+000 | .41525+000 |
| 2   | .47516-001   | .51148-001 | .54824-001 | .58539-001 | .62287-001 |
| 3   | .21118-002   | .23869-002 | .26803-002 | .29920-002 | .33220-002 |
| 4   | .43997-004   | .52214-004 | .61423-004 | .71683-004 | .83049-004 |
| H   | = .87689+000 | .89813+000 | .91961+000 | .94132+000 | .96328+000 |

THETA = .25000+001 .26000+001 .27000+001 .28000+001 .29000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .50737+000   | .49607+000 | .48514+000 | .47458+000 | .46436+000 |
| 1   | .42280+000   | .42992+000 | .43663+000 | .44294+000 | .44888+000 |
| 2   | .66063-001   | .69863-001 | .73681-001 | .77515-001 | .81359-001 |
| 3   | .36702-002   | .40365-002 | .44209-002 | .48231-002 | .52432-002 |
| 4   | .95578-004   | .10932-003 | .12434-003 | .14067-003 | .15839-003 |
| H   | = .98548+000 | .10079+001 | .10306+001 | .10536+001 | .10768+001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 2 \quad U_3 = 0$

$\Theta = .30000+001 \quad .31000+001 \quad .32000+001 \quad .33000+001 \quad .34000+001$

| $-I-$ |              | $P(I)$     |            |            |            |  |
|-------|--------------|------------|------------|------------|------------|--|
| 0     | .45446+000   | .45446+000 | .43560+000 | .42660+000 | .41788+000 |  |
| 1     | .45446+000   | .45971+000 | .46464+000 | .46926+000 | .47360+000 |  |
| 2     | .85212-001   | .89069-001 | .92928-001 | .96786-001 | .10064+000 |  |
| 3     | .56808-002   | .61359-002 | .66082-002 | .70976-002 | .76039-002 |  |
| 4     | .17752-003   | .19814-003 | .22027-003 | .24398-003 | .26930-003 |  |
| 5     |              |            |            |            | .52322-005 |  |
| H     | = .11002+001 | .11239+001 | .11478+001 | .11720+001 | .11965+001 |  |

$\Theta = .35000+001 \quad .36000+001 \quad .37000+001 \quad .38000+001 \quad .39000+001$

| $-I-$ |              | $P(I)$     |            |            |            |  |
|-------|--------------|------------|------------|------------|------------|--|
| 0     | .40942+000   | .40122+000 | .39325+000 | .38552+000 | .37800+000 |  |
| 1     | .47756+000   | .48146+000 | .48501+000 | .48832+000 | .49140+000 |  |
| 2     | .10449+000   | .10833+000 | .11216+000 | .11598+000 | .11978+000 |  |
| 3     | .81269-002   | .86663-002 | .92219-002 | .97935-002 | .10381-001 |  |
| 4     | .29629-003   | .32498-003 | .35543-003 | .38766-003 | .42172-003 |  |
| 5     | .59258-005   | .66854-005 | .75147-005 | .84178-005 | .93984-005 |  |
| H     | = .12212+001 | .12462+001 | .12715+001 | .12970+001 | .13227+001 |  |

$\Theta = .40000+001 \quad .41000+001 \quad .42000+001 \quad .43000+001 \quad .44000+001$

| $-I-$ |              | $P(I)$     |            |            |            |  |
|-------|--------------|------------|------------|------------|------------|--|
| 0     | .37071+000   | .36361+000 | .35672+000 | .35001+000 | .34349+000 |  |
| 1     | .49427+000   | .49694+000 | .49940+000 | .50168+000 | .50379+000 |  |
| 2     | .12357+000   | .12734+000 | .13109+000 | .13483+000 | .13854+000 |  |
| 3     | .10984-001   | .11602-001 | .12235-001 | .12884-001 | .13546-001 |  |
| 4     | .45766-003   | .49551-003 | .53530-003 | .57708-003 | .62087-003 |  |
| 5     | .10461-004   | .11609-004 | .12847-004 | .14180-004 | .15610-004 |  |
| H     | = .13488+001 | .13751+001 | .14017+001 | .14285+001 | .14556+001 |  |

$\Theta = .45000+001 \quad .46000+001 \quad .47000+001 \quad .48000+001 \quad .49000+001$

| $-I-$ |              | $P(I)$     |            |            |            |  |
|-------|--------------|------------|------------|------------|------------|--|
| 0     | .33714+000   | .33097+000 | .32495+000 | .31910+000 | .31339+000 |  |
| 1     | .50572+000   | .50748+000 | .50909+000 | .51056+000 | .51188+000 |  |
| 2     | .14223+000   | .14590+000 | .14955+000 | .15317+000 | .15676+000 |  |
| 3     | .14223-001   | .14914-001 | .15619-001 | .16338-001 | .17070-001 |  |
| 4     | .66672-003   | .71465-003 | .76470-003 | .81689-003 | .87127-003 |  |
| 5     | .17144-004   | .18785-004 | .20538-004 | .22406-004 | .24395-004 |  |
| H     | = .14830+001 | .15107+001 | .15387+001 | .15669+001 | .15954+001 |  |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 2$      $U_3 = 0$

| THETA = .50000+001 |              | .52000+001 | .54000+001 | .56000+001 | .58000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .30784+000   | .29714+000 | .28697+000 | .27730+000 | .26809+000 |
| 1                  | .51306+000   | .51505+000 | .51655+000 | .51763+000 | .51830+000 |
| 2                  | .16033+000   | .16739+000 | .17434+000 | .18117+000 | .18788+000 |
| 3                  | .17815-001   | .19343-001 | .20920-001 | .22546-001 | .24216-001 |
| 4                  | .92785-003   | .10477-002 | .11768-002 | .13152-002 | .14631-002 |
| 5                  | .26510-004   | .31133-004 | .36312-004 | .42085-004 | .48490-004 |
| H                  | = .16242+001 | .16827+001 | .17423+001 | .18031+001 | .18651+001 |
| THETA = .60000+001 |              | .62000+001 | .64000+001 | .66000+001 | .68000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .25930+000   | .25093+000 | .24293+000 | .23529+000 | .22798+000 |
| 1                  | .51861+000   | .51858+000 | .51825+000 | .51763+000 | .51676+000 |
| 2                  | .19448+000   | .20095+000 | .20730+000 | .21352+000 | .21962+000 |
| 3                  | .25930-001   | .27687-001 | .29443-001 | .31317-001 | .33188-001 |
| 4                  | .16207-002   | .17881-002 | .19655-002 | .21530-002 | .23508-002 |
| 5                  | .55565-004   | .63349-004 | .71881-004 | .81200-004 | .91345-004 |
| H                  | = .19282+001 | .19926+001 | .20582+001 | .21251+001 | .21931+001 |
| THETA = .70000+001 |              | .72000+001 | .74000+001 | .76000+001 | .78000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .22099+000   | .21430+000 | .20789+000 | .20175+000 | .19585+000 |
| 1                  | .51565+000   | .51433+000 | .51280+000 | .51109+000 | .50922+000 |
| 2                  | .22560+000   | .23145+000 | .23717+000 | .24277+000 | .24824+000 |
| 3                  | .35093-001   | .37031-001 | .39001-001 | .41001-001 | .43029-001 |
| 4                  | .25589-002   | .27774-002 | .30063-002 | .32459-002 | .34961-002 |
| 5                  | .10235-003   | .11427-003 | .12713-003 | .14097-003 | .15583-003 |
| H                  | = .22625+001 | .23332+001 | .24051+001 | .24784+001 | .25529+001 |
| THETA = .80000+001 |              | .82000+001 | .84000+001 | .86000+001 | .88000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .19020+000   | .18476+000 | .17955+000 | .17453+000 | .16970+000 |
| 1                  | .50719+000   | .50502+000 | .50273+000 | .50032+000 | .49780+000 |
| 2                  | .25360+000   | .25882+000 | .26393+000 | .26892+000 | .27379+000 |
| 3                  | .45084-001   | .47164-001 | .49267-001 | .51394-001 | .53541-001 |
| 4                  | .37570-002   | .40286-002 | .43109-002 | .46040-002 | .49079-002 |
| 5                  | .17175-003   | .18877-003 | .20692-003 | .22626-003 | .24680-003 |
| H                  | = .26289+001 | .27061+001 | .27848+001 | .28648+001 | .29463+001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2      U3 = 0

| THETA = | .90000+001 | .92000+001 | .94000+001 | .96000+001 | .98000+001 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | P(I)       |            |            |
| 0       | .16506+000 | .16059+000 | .15629+000 | .15214+000 | .14814+000 |
| 1       | .49519+000 | .49248+000 | .48970+000 | .48685+000 | .48393+000 |
| 2       | .27854+000 | .28318+000 | .28770+000 | .29211+000 | .29641+000 |
| 3       | .55709-001 | .57894-001 | .60097-001 | .62317-001 | .64551-001 |
| 4       | .52227-002 | .55482-002 | .58845-002 | .62317-002 | .65896-002 |
| 5       | .26859-003 | .29168-003 | .31608-003 | .34185-003 | .36902-003 |
| 6       | .83936-005 | .93175-005 | .10317-004 | .11395-004 | .12557-004 |
| H =     | .30292+001 | .31135+001 | .31992+001 | .32854+001 | .33751+001 |
| THETA = | .10000+002 | .10200+002 | .10400+002 | .10600+002 | .10800+002 |
| -I-     |            |            | P(I)       |            |            |
| 0       | .14429+000 | .14056+000 | .13697+000 | .13351+000 | .13016+000 |
| 1       | .48095+000 | .47792+000 | .47484+000 | .47172+000 | .46857+000 |
| 2       | .30059+000 | .30467+000 | .30855+000 | .31252+000 | .31628+000 |
| 3       | .66799-001 | .69060-001 | .71332-001 | .73615-001 | .75908-001 |
| 4       | .69582-002 | .73376-002 | .77276-002 | .81283-002 | .85395-002 |
| 5       | .39761-003 | .42768-003 | .45924-003 | .49234-003 | .52702-003 |
| 6       | .13806-004 | .15147-004 | .16584-004 | .18121-004 | .19763-004 |
| H =     | .34654+001 | .35571+001 | .36503+001 | .37451+001 | .38415+001 |
| THETA = | .11000+002 | .11200+002 | .11400+002 | .11600+002 | .11800+002 |
| -I-     |            |            | P(I)       |            |            |
| 0       | .12692+000 | .12379+000 | .12077+000 | .11784+000 | .11501+000 |
| 1       | .46538+000 | .46216+000 | .45892+000 | .45565+000 | .45237+000 |
| 2       | .31995+000 | .32351+000 | .32698+000 | .33035+000 | .33362+000 |
| 3       | .78209-001 | .80518-001 | .82834-001 | .85157-001 | .87484-001 |
| 4       | .89615-002 | .93938-002 | .98366-002 | .10290-001 | .10753-001 |
| 5       | .56329-003 | .60120-003 | .64078-003 | .68206-003 | .72507-003 |
| 6       | .21515-004 | .23380-004 | .25364-004 | .27472-004 | .29708-004 |
| H =     | .39395+001 | .40390+001 | .41402+001 | .42430+001 | .43474+001 |
| THETA = | .12000+002 | .12200+002 | .12400+002 | .12600+002 | .12800+002 |
| -I-     |            |            | P(I)       |            |            |
| 0       | .11227+000 | .10962+000 | .10705+000 | .10456+000 | .10214+000 |
| 1       | .44908+000 | .44577+000 | .44246+000 | .43913+000 | .43581+000 |
| 2       | .33681+000 | .33990+000 | .34290+000 | .34582+000 | .34865+000 |
| 3       | .89815-001 | .92151-001 | .94489-001 | .96829-001 | .99170-001 |
| 4       | .11227-001 | .11711-001 | .12205-001 | .12709-001 | .13223-001 |
| 5       | .76985-003 | .81641-003 | .86480-003 | .91503-003 | .96715-003 |
| 6       | .32077-004 | .34584-004 | .37234-004 | .40033-004 | .42984-004 |
| H =     | .44536+001 | .45614+001 | .46709+001 | .47821+001 | .48951+001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 2$      $U_3 = 0$

$\Theta = .13000+002$      $.13200+002$      $.13400+002$      $.13600+002$      $.13800+002$

|     |  | $P(I)$         |            |            |            |            |
|-----|--|----------------|------------|------------|------------|------------|
| -I- |  | .99803-001     | .97535-001 | .95334-001 | .93200-001 | .91128-001 |
| 0   |  | .43248+000     | .42915+000 | .42583+000 | .42251+000 | .41919+000 |
| 1   |  | .35139+000     | .35405+000 | .35663+000 | .35913+000 | .36155+000 |
| 2   |  | .10151+000     | .10385+000 | .10620+000 | .10854+000 | .11088+000 |
| 3   |  | .13746-001     | .14280-001 | .14823-001 | .15376-001 | .15938-001 |
| 4   |  | .10212-002     | .10771-002 | .11350-002 | .11949-002 | .12569-002 |
| 5   |  | .46094-004     | .49368-004 | .52811-004 | .56428-004 | .60224-004 |
| 6   |  | H = .50099+001 | .51264+001 | .52447+001 | .53648+001 | .54868+001 |

$\Theta = .14000+002$      $.14200+002$      $.14400+002$      $.14600+002$      $.14800+002$

|     |  | $P(I)$         |            |            |            |            |
|-----|--|----------------|------------|------------|------------|------------|
| -I- |  | .89117-001     | .87164-001 | .85268-001 | .83426-001 | .81636-001 |
| 0   |  | .41588+000     | .41258+000 | .40929+000 | .40601+000 | .40274+000 |
| 1   |  | .36389+000     | .36616+000 | .36836+000 | .37048+000 | .37253+000 |
| 2   |  | .11321+000     | .11554+000 | .11787+000 | .12020+000 | .12252+000 |
| 3   |  | .16510-001     | .17091-001 | .17681-001 | .18280-001 | .18889-001 |
| 4   |  | .13208-002     | .13868-002 | .14549-002 | .15251-002 | .15975-002 |
| 5   |  | .64206-004     | .68378-004 | .72746-004 | .77315-004 | .82091-004 |
| 6   |  | H = .56106+001 | .57363+001 | .58639+001 | .59933+001 | .61247+001 |

$\Theta = .15000+002$      $.15500+002$      $.16000+002$      $.16500+002$      $.17000+002$

|     |  | $P(I)$         |            |            |            |            |
|-----|--|----------------|------------|------------|------------|------------|
| -I- |  | .79896-001     | .75756-001 | .71893-001 | .68284-001 | .64908-001 |
| 0   |  | .39948+000     | .39141+000 | .38343+000 | .37556+000 | .36781+000 |
| 1   |  | .37451+000     | .37917+000 | .38343+000 | .38730+000 | .39080+000 |
| 2   |  | .12484+000     | .13060+000 | .13633+000 | .14201+000 | .14764+000 |
| 3   |  | .19506-001     | .21087-001 | .22772-001 | .24408-001 | .26144-001 |
| 4   |  | .16719-002     | .18677-002 | .20774-002 | .23013-002 | .25397-002 |
| 5   |  | .87080-004     | .10052-003 | .11541-003 | .13185-003 | .14991-003 |
| 6   |  | H = .62581+001 | .66001+001 | .69548+001 | .73224+001 | .77032+001 |

$\Theta = .17500+002$      $.18000+002$      $.18500+002$      $.19000+002$      $.19500+002$

|     |  | $P(I)$         |            |            |            |            |
|-----|--|----------------|------------|------------|------------|------------|
| -I- |  | .61747-001     | .58783-001 | .56001-001 | .53387-001 | .50929-001 |
| 0   |  | .36019+000     | .35270+000 | .34534+000 | .33812+000 | .33104+000 |
| 1   |  | .39396+000     | .39679+000 | .39930+000 | .40152+000 | .40345+000 |
| 2   |  | .15321+000     | .15871+000 | .16416+000 | .16953+000 | .17483+000 |
| 3   |  | .27928-001     | .29759-001 | .31634-001 | .33553-001 | .35512-001 |
| 4   |  | .27928-002     | .30609-002 | .33442-002 | .36429-002 | .39571-002 |
| 5   |  | .16970-003     | .19131-003 | .21482-003 | .24033-003 | .26793-003 |
| 6   |  | .67342-005     | .78085-005 | .90117-005 | .10354-004 | .11847-004 |
| 7   |  | H = .80976+001 | .85059+001 | .89294+001 | .93655+001 | .98176+001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 2$      $U_3 = 5$

| THETA = .20000+002 |              | .21000+002 | .22000+002 | .23000+002 | .24000+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .48615-001   | .44377-001 | .40602-001 | .37227-001 | .34201-001 |
| 1                  | .32410+000   | .31064+000 | .29775+000 | .28541+000 | .27361+000 |
| 2                  | .40512+000   | .40772+000 | .40940+000 | .41027+000 | .41041+000 |
| 3                  | .18005+000   | .19027+000 | .20015+000 | .20969+000 | .21889+000 |
| 4                  | .37511-001   | .41621-001 | .45868-001 | .50239-001 | .54722-001 |
| 5                  | .42870-002   | .49945-002 | .57663-002 | .66029-002 | .75047-002 |
| 6                  | .29771-003   | .36418-003 | .44048-003 | .52731-003 | .62539-003 |
| 7                  | .13502-004   | .17342-004 | .21974-004 | .27502-004 | .34035-004 |
| H                  | = .10285+002 | .11267+002 | .12315+002 | .13431+002 | .14619+002 |

| THETA = .25000+002 |              | .30000+002 | .35000+002 | .40000+002 | .45000+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .31481-001   | .21322-001 | .14945-001 | .10765-001 | .79291-002 |
| 1                  | .26234+000   | .21322+000 | .17436+000 | .14353+000 | .11894+000 |
| 2                  | .40990+000   | .39978+000 | .38141+000 | .35883+000 | .33451+000 |
| 3                  | .22772+000   | .26652+000 | .29665+000 | .31896+000 | .33451+000 |
| 4                  | .59303-001   | .83288-001 | .10815+000 | .13290+000 | .15680+000 |
| 5                  | .84719-002   | .14278-001 | .21631-001 | .30377-001 | .40320-001 |
| 6                  | .73541-003   | .14873-002 | .26288-002 | .42191-002 | .63001-002 |
| 7                  | .41690-004   | .10118-003 | .20863-003 | .38268-003 | .64286-003 |
| 8                  |              |            | .11410-004 | .23918-004 | .45201-004 |
| H                  | = .15883+002 | .23450+002 | .33456+002 | .46447+002 | .63059+002 |

| THETA = .50000+002 |              | .55000+002 | .60000+002 | .65000+002 | .70000+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .59506-002   | .45375-002 | .35080-002 | .27451-002 | .21712-002 |
| 1                  | .99176-001   | .83187-001 | .70160-001 | .59477-001 | .50661-001 |
| 2                  | .30992+000   | .28596+000 | .26310+000 | .24163+000 | .22164+000 |
| 3                  | .34436+000   | .34950+000 | .35080+000 | .34902+000 | .34478+000 |
| 4                  | .17935+000   | .20023+000 | .21925+000 | .23631+000 | .25140+000 |
| 5                  | .51244-001   | .62931-001 | .75172-001 | .87773-001 | .10056+000 |
| 6                  | .88966-002   | .12018-001 | .15661-001 | .19810-001 | .24442-001 |
| 7                  | .10087-002   | .14989-002 | .21307-002 | .29198-002 | .38797-002 |
| 8                  | .78803-004   | .12881-003 | .19976-003 | .29655-003 | .42434-003 |
| 9                  |              | .79511-005 | .13452-004 | .21634-004 | .33337-004 |
| H                  | = .84026+002 | .11019+003 | .14253+003 | .18214+003 | .23029+003 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2 U3 = 0

THETA= .75000+002 .80000+002 .85000+002 .90000+002 .95000+002  
 -I-----P(I)-----  
 0 .17338-002 .13964-002 .11335-002 .92659-003 .76240-003  
 1 .43344-001 .37237-001 .32115-001 .27798-001 .24143-001  
 2 .20318+000 .18619+000 .17061+000 .15636+000 .14335+000  
 3 .33863+000 .33100+000 .32227+000 .31272+000 .30262+000  
 4 .26455+000 .27583+000 .28534+000 .29318+000 .29947+000  
 5 .11338+000 .12610+000 .13859+000 .15078+000 .16257+000  
 6 .29526-001 .35026-001 .40904-001 .47118-001 .53625-001  
 7 .50214-002 .63540-002 .78840-002 .96159-002 .11552-001  
 8 .58845-003 .79425-003 .10471-002 .13522-002 .17147-002  
 9 .49533-004 .71313-004 .99892-004 .13659-003 .18283-003  
 10 .47542-005 .70757-005 .10244-004 .14474-004  
 H = .28839+003 .35806+003 .44112+003 .53961+003 .65583+003

THETA= .10000+003

-I-----P(I)-----  
 0 .63106-003  
 1 .21035-001  
 2 .13147+000  
 3 .29216+000  
 4 .30433+000  
 5 .17390+000  
 6 .60383-001  
 7 .13692-001  
 8 .21394-002  
 9 .24011-003  
 10 .20009-004  
 H = .79232+003

U2 = 2 U3 = 1

THETA= .00000+000 .10000-001 .20000-001 .30000-001 .40000-001  
 -I-----P(I)-----  
 0 .10000+001 .99834+000 .99667+000 .99502+000 .99337+000  
 1 .16639-002 .33222-002 .49751-002 .66224-002  
 2 .50000+000 .50083+000 .50167+000 .50250+000 .50334+000  
 H = .50000+000 .50083+000 .50167+000 .50250+000 .50334+000

THETA= .50000-001 .60000-001 .70000-001 .80000-001 .90000-001  
 -I-----P(I)-----  
 0 .99172+000 .99007+000 .98843+000 .98680+000 .98517+000  
 1 .82643-002 .99007-002 .11532-001 .13157-001 .14778-001  
 2 .17217-004 .24752-004 .33634-004 .43858-004 .55416-004  
 H = .50418+000 .50501+000 .50585+000 .50669+000 .50753+000

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2 U3 = 1

| THE TAU = .10000+000 .11000+000 .12000+000 .13000+000 .14000+000 |              |            |            |            |            |
|--|--------------|------------|------------|------------|------------|
| -I-----P(I)-----   |              |            |            |            |            |
| 0  | .98354+000   | .98192+000 | .98030+000 | .97868+000 | .97707+000 |
| 1  | .16392-001   | .18002-001 | .19606-001 | .21205-001 | .22798-001 |
| 2  | .68301-004   | .82508-004 | .98030-004 | .11486-003 | .13299-003 |
| H  | = .50837+000 | .50921+000 | .51005+000 | .51089+000 | .51173+000 |
| THE TAU = .15000+000 .16000+000 .17000+000 .18000+000 .19000+000 |              |            |            |            |            |
| -I-----P(I)-----   |              |            |            |            |            |
| 0  | .97546+000   | .97386+000 | .97226+000 | .97066+000 | .96907+000 |
| 1  | .24387-001   | .25970-001 | .27547-001 | .29120-001 | .30687-001 |
| 2  | .15242-003   | .17313-003 | .19513-003 | .21840-003 | .24294-003 |
| H  | = .51258+000 | .51342+000 | .51427+000 | .51511+000 | .51596+000 |
| THE TAU = .20000+000 .21000+000 .22000+000 .23000+000 .24000+000 |              |            |            |            |            |
| -I-----P(I)-----   |              |            |            |            |            |
| 0  | .96748+000   | .96590+000 | .96432+000 | .96274+000 | .96117+000 |
| 1  | .32249-001   | .33806-001 | .35358-001 | .36905-001 | .38447-001 |
| 2  | .26874-003   | .29581-003 | .32412-003 | .35367-003 | .38447-003 |
| H  | = .51681+000 | .51765+000 | .51850+000 | .51935+000 | .52020+000 |
| THE TAU = .25000+000 .26000+000 .27000+000 .28000+000 .29000+000 |              |            |            |            |            |
| -I-----P(I)-----   |              |            |            |            |            |
| 0  | .95960+000   | .95803+000 | .95647+000 | .95491+000 | .95336+000 |
| 1  | .39983-001   | .41515-001 | .43041-001 | .44563-001 | .46079-001 |
| 2  | .41649-003   | .44974-003 | .48421-003 | .51990-003 | .55679-003 |
| H  | = .52105+000 | .52190+000 | .52275+000 | .52361+000 | .52446+000 |
| THE TAU = .30000+000 .31000+000 .32000+000 .33000+000 .34000+000 |              |            |            |            |            |
| -I-----P(I)-----   |              |            |            |            |            |
| 0  | .95181+000   | .95027+000 | .94872+000 | .94718+000 | .94565+000 |
| 1  | .47591-001   | .49097-001 | .50599-001 | .52095-001 | .53587-001 |
| 2  | .59488-003   | .63417-003 | .67465-003 | .71631-003 | .75915-003 |
| H  | = .52531+000 | .52617+000 | .52702+000 | .52788+000 | .52874+000 |
| THE TAU = .35000+000 .36000+000 .37000+000 .38000+000 .39000+000 |              |            |            |            |            |
| -I-----P(I)-----   |              |            |            |            |            |
| 0  | .94412+000   | .94259+000 | .94107+000 | .93955+000 | .93803+000 |
| 1  | .55074-001   | .56555-001 | .58032-001 | .59505-001 | .60972-001 |
| 2  | .80316-003   | .84833-003 | .89457-003 | .94216-003 | .99079-003 |
| 3  |              | .50900-005 | .55171-005 | .59670-005 | .64402-005 |
| H  | = .52959+000 | .53045+000 | .53131+000 | .53217+000 | .53303+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 2$      $U_3 = 1$

| THETA = .40000+000 |              | .41000+000 | .42000+000 | .43000+000 | .44000+000 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .93652+000   | .93501+000 | .93350+000 | .93200+000 | .93050+000 |
| 1                  | .62435-001   | .63892-001 | .65345-001 | .66793-001 | .68237-001 |
| 2                  | .10406-002   | .10915-002 | .11435-002 | .11967-002 | .12510-002 |
| 3                  | .69372-005   | .74585-005 | .80048-005 | .85765-005 | .91741-005 |
| H                  | = .53389+000 | .53475+000 | .53562+000 | .53648+000 | .53734+000 |
| THETA = .45000+000 |              | .46000+000 | .47000+000 | .48000+000 | .49000+000 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .92901+000   | .92752+000 | .92603+000 | .92455+000 | .92306+000 |
| 1                  | .69676-001   | .71110-001 | .72539-001 | .73964-001 | .75384-001 |
| 2                  | .17064-002   | .13629-002 | .14206-002 | .14793-002 | .15391-002 |
| 3                  | .97.31-005   | .10449-004 | .11128-004 | .11834-004 | .12569-004 |
| H                  | = .53821+000 | .53907+000 | .53994+000 | .54081+000 | .54167+000 |
| THETA = .50000+000 |              | .60000+000 | .70000+000 | .80000+000 | .90000+000 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .92159+000   | .90701+000 | .89277+000 | .87886+000 | .86527+000 |
| 1                  | .76799-001   | .90701-001 | .10416+000 | .11718+000 | .12979+000 |
| 2                  | .16000-002   | .22675-002 | .30379-002 | .39060-002 | .48671-002 |
| 3                  | .13333-004   | .22675-004 | .35442-004 | .52081-004 | .73007-004 |
| H                  | = .54254+000 | .55126+000 | .56005+000 | .56892+000 | .57786+000 |
| THETA = .10000+001 |              | .11000+001 | .12000+001 | .13000+001 | .14000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .85199+000   | .83900+000 | .82631+000 | .81389+000 | .80175+000 |
| 1                  | .14200+000   | .15382+000 | .16526+000 | .17634+000 | .18708+000 |
| 2                  | .59166-002   | .70500-002 | .82631-002 | .95520-002 | .10913-001 |
| 3                  | .98610-004   | .12925-003 | .16526-003 | .20696-003 | .25463-003 |
| H                  | = .58686+000 | .59595+000 | .60510+000 | .61433+000 | .62363+000 |
| THETA = .15000+001 |              | .16000+001 | .17000+001 | .18000+001 | .19000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .78988+000   | .77826+000 | .76088+000 | .75575+000 | .74486+000 |
| 1                  | .19747+000   | .20753+000 | .21728+000 | .22673+000 | .23587+000 |
| 2                  | .12342-001   | .13836-001 | .15391-001 | .17004-001 | .18673-001 |
| 3                  | .30855-003   | .36895-003 | .43608-003 | .51013-003 | .59132-003 |
| 4                  |              |            | .61777-005 | .76520-005 | .93625-005 |
| H                  | = .63301+000 | .64246+000 | .65199+000 | .66159+000 | .67127+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 2$      $U_3 = 1$

THETA = .20000+001 .21000+001 .22000+001 .23000+001 .24000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .73419+000   | .72374+000 | .71350+000 | .70348+000 | .69366+000 |
| 1   | .24473+000   | .25331+000 | .26162+000 | .26967+000 | .27746+000 |
| 2   | .20394-001   | .22164-001 | .23982-001 | .25843-001 | .27746-001 |
| 3   | .67980-003   | .77576-003 | .87933-003 | .99065-003 | .11099-002 |
| 4   | .11330-004   | .13576-004 | .16121-004 | .18988-004 | .22197-004 |
| H   | = .69103+000 | .69086+000 | .70077+000 | .71075+000 | .72082+000 |

THETA = .25000+001 .26000+001 .27000+001 .28000+001 .29000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .68403+000   | .67460+000 | .66536+000 | .65629+000 | .64741+000 |
| 1   | .28501+000   | .29233+000 | .29941+000 | .30627+000 | .31291+000 |
| 2   | .29689-001   | .31669-001 | .33684-001 | .35731-001 | .37910-001 |
| 3   | .12370-002   | .13723-002 | .15158-002 | .16675-002 | .18275-002 |
| 4   | .25772-004   | .29733-004 | .34105-004 | .38908-004 | .44164-004 |
| H   | = .73096+000 | .74118+000 | .75148+000 | .76186+000 | .77231+000 |

THETA = .30000+001 .31000+001 .32000+001 .33000+001 .34000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .63869+000   | .63014+000 | .62176+000 | .61353+000 | .60546+000 |
| 1   | .31935+000   | .32557+000 | .33160+000 | .33744+000 | .34310+000 |
| 2   | .39918-001   | .42053-001 | .44214-001 | .46399-001 | .48605-001 |
| 3   | .19959-002   | .21728-002 | .23581-002 | .25519-002 | .27543-002 |
| 4   | .49898-004   | .56129-004 | .62882-004 | .70178-004 | .78039-004 |
| H   | = .78285+000 | .79347+000 | .80477+000 | .81495+000 | .82581+000 |

THETA = .35000+001 .36000+001 .37000+001 .38000+001 .39000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .59755+000   | .58977+000 | .58215+000 | .57466+000 | .56731+000 |
| 1   | .34857+000   | .35386+000 | .35899+000 | .36325+000 | .36875+000 |
| 2   | .50833-001   | .53080-001 | .55344-001 | .57625-001 | .59922-001 |
| 3   | .29653-002   | .31848-002 | .34129-002 | .36496-002 | .38949-002 |
| 4   | .86486-004   | .95543-004 | .10523-003 | .11557-003 | .12658-003 |
| H   | = .83676+000 | .84778+000 | .85889+000 | .87008+000 | .88138+000 |

THETA = .40000+001 .41000+001 .42000+001 .43000+001 .44000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .56009+000   | .55300+000 | .54604+000 | .53920+000 | .53248+000 |
| 1   | .37339+000   | .37788+000 | .38223+000 | .38642+000 | .39049+000 |
| 2   | .62232-001   | .64555-001 | .66889-001 | .69234-001 | .71589-001 |
| 3   | .41488-002   | .44112-002 | .46823-002 | .49618-002 | .52499-002 |
| 4   | .13829-003   | .15072-003 | .16388-003 | .17780-003 | .19249-003 |
| H   | = .89272+000 | .90416+000 | .91569+000 | .92730+000 | .93900+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2 U3 = 1

| THETA = .45000+001 |              | .46000+001 | .47000+001 | .48000+001 | .49000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .52588+000   | .51939+000 | .51302+000 | .50676+000 | .50060+000 |
| 1                  | .39441+000   | .39820+000 | .40197+000 | .40541+000 | .40883+000 |
| 2                  | .73952-001   | .76322-001 | .78699-001 | .81081-001 | .83469-001 |
| 3                  | .55464-002   | .58514-002 | .61648-002 | .64865-002 | .68166-002 |
| 4                  | .20799-003   | .22430-003 | .24145-C03 | .25946-003 | .27834-003 |
| 5                  |              |            | .54039-005 | .59305-005 | .64947-005 |
| H                  | = .95079+000 | .96266+000 | .97462+000 | .98666+000 | .99879+000 |
| THETA = .50000+001 |              | .52000+001 | .54000+001 | .56000+001 | .58000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .49455+000   | .48276+000 | .47135+000 | .46032+000 | .44964+000 |
| 1                  | .41213+000   | .41839+000 | .42421+000 | .42963+000 | .43466+000 |
| 2                  | .85860-001   | .90651-001 | .95448-001 | .10025+000 | .10504+000 |
| 3                  | .71550-002   | .78564-002 | .85904-002 | .93564-002 | .10154-001 |
| 4                  | .29812-003   | .34044-003 | .38657-003 | .43663-003 | .49078-003 |
| 5                  | .70982-005   | .84300-005 | .99403-005 | .11644-004 | .13555-004 |
| H                  | = .10110+001 | .10357+001 | .10608+001 | .10862+001 | .11120+001 |
| THETA = .60000+001 |              | .62000+001 | .64000+001 | .66000+001 | .68000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .43931+000   | .42931+000 | .41962+000 | .41023+000 | .40113+000 |
| 1                  | .43931+000   | .44362+000 | .44759+000 | .45125+000 | .45461+000 |
| 2                  | .10983+000   | .11460+000 | .11936+000 | .12409+000 | .12881+000 |
| 3                  | .10983-001   | .11842-001 | .12732-001 | .13650-001 | .14598-001 |
| 4                  | .54914-003   | .61184-003 | .67901-003 | .75077-003 | .82723-003 |
| 5                  | .15690-004   | .18064-004 | .20694-004 | .23596-004 | .26786-004 |
| H                  | = .11381+001 | .11647+001 | .11916+001 | .12188+001 | .12465+001 |
| THETA = .70000+001 |              | .72000+001 | .74000+001 | .76000+001 | .78000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .39230+000   | .38375+000 | .37544+000 | .36739+000 | .35957+000 |
| 1                  | .45769+000   | .46050+000 | .46305+000 | .46536+000 | .46744+000 |
| 2                  | .13349+000   | .13815+000 | .14277+000 | .14736+000 | .15192+000 |
| 3                  | .15574-001   | .16578-001 | .17609-001 | .18666-001 | .19749-001 |
| 4                  | .90849-003   | .99467-003 | .10859-002 | .11822-002 | .12837-002 |
| 5                  | .30283-004   | .34103-004 | .38264-004 | .42784-004 | .47680-004 |
| H                  | = .12745+001 | .13029+001 | .13318+001 | .13610+001 | .13906+001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 2 U3 = 1

THETA= .80000+001 .82000+001 .84000+001 .86000+001 .88000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .35197+000   | .34459+000 | .33743+000 | .33046+000 | .32369+000 |
| 1   | .46929+000   | .47095+000 | .47240+000 | .47366+000 | .47475+000 |
| 2   | .15643+000   | .16091+000 | .16534+000 | .16973+000 | .17407+000 |
| 3   | .20858-001   | .21991-001 | .23148-001 | .24328-001 | .25531-001 |
| 4   | .13905-002   | .15027-002 | .16203-002 | .17435-002 | .18723-002 |
| 5   | .52972-004   | .58676-004 | .64813-004 | .71400-004 | .78457-004 |
| H   | = .14206+001 | .14510+001 | .14818+001 | .15130+001 | .15447+001 |

THETA= .90000+001 .92000+001 .94000+001 .96000+001 .98000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .31711+000   | .31071+000 | .30448+000 | .29842+000 | .29252+000 |
| 1   | .47566+000   | .47642+000 | .47702+000 | .47747+000 | .47779+000 |
| 2   | .17837+000   | .18263+000 | .18683+000 | .19099+000 | .19510+000 |
| 3   | .26756-001   | .28003-001 | .29270-001 | .30558-001 | .31866-001 |
| 4   | .20067-002   | .21469-002 | .22928-002 | .24447-002 | .26024-002 |
| 5   | .86002-004   | .94054-004 | .10263-003 | .11176-003 | .12144-003 |
| H   | = .15767+001 | .16092+001 | .16421+001 | .16755+001 | .17093+001 |

THETA= .10000+002 .10200+002 .10400+002 .10600+002 .10800+002

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .28678+000   | .28119+000 | .27575+000 | .27045+000 | .26528+000 |
| 1   | .47797+000   | .47803+000 | .47796+000 | .47779+000 | .47750+000 |
| 2   | .19915+000   | .20316+000 | .20712+000 | .21102+000 | .21488+000 |
| 3   | .33192-001   | .34537-001 | .35900-001 | .37281-001 | .38678-001 |
| 4   | .27660-002   | .29357-002 | .31114-002 | .32931-002 | .34810-002 |
| 5   | .13172-003   | .14259-003 | .15409-003 | .16622-003 | .17902-003 |
| 6   |              |            |            | .52440-005 | .57543-005 |
| H   | = .17435+001 | .17781+001 | .18132+001 | .18488+001 | .18848+001 |

THETA= .11000+002 .11200+002 .11400+002 .11600+002 .11800+002

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .26024+000   | .25534+000 | .25055+000 | .24589+000 | .24134+000 |
| 1   | .47711+000   | .47663+000 | .47605+000 | .47538+000 | .47463+000 |
| 2   | .21868+000   | .22243+000 | .22612+000 | .22977+000 | .23336+000 |
| 3   | .40091-001   | .41520-001 | .42963-001 | .44422-001 | .45894-001 |
| 4   | .36750-002   | .38752-002 | .40815-002 | .42941-002 | .45129-002 |
| 5   | .19250-003   | .20668-003 | .22157-003 | .23720-003 | .25358-003 |
| 6   | .63021-005   | .68892-005 | .75175-005 | .81890-005 | .89056-005 |
| H   | = .19213+001 | .19582+001 | .19956+001 | .20334+001 | .20718+001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 2$      $U_3 = 1$

THE  $\Theta = .12000+002$      $.12200+002$      $.12400+002$      $.12600+002$      $.12800+002$   
 -I-----P(I)-----  
 0     $.23690+000$      $.23257+000$      $.22835+000$      $.22422+000$      $.22020+000$   
 1     $.47380+000$      $.47289+000$      $.47192+000$      $.47087+000$      $.46976+000$   
 2     $.23690+000$      $.24039+000$      $.24382+000$      $.24721+000$      $.25054+000$   
 3     $.47380-001$      $.48879-001$      $.50390-001$      $.51913-001$      $.53448-001$   
 4     $.47380-002$      $.49693-002$      $.52070-002$      $.54509-002$      $.57011-002$   
 5     $.27074-003$      $.28870-003$      $.30746-003$      $.32705-003$      $.34750-003$   
 6     $.96694-005$      $.10482-004$      $.11347-004$      $.12264-004$      $.13238-004$   
 H =  $.21106+001$      $.21499+001$      $.21897+001$      $.22299+001$      $.22707+001$

THE  $\Theta = .13000+002$      $.13200+002$      $.13400+002$      $.13600+002$      $.13800+002$   
 -I-----P(I)-----  
 0     $.21627+000$      $.21243+000$      $.20868+000$      $.20502+000$      $.20145+000$   
 1     $.46858+000$      $.46735+000$      $.46606+000$      $.46472+000$      $.46333+000$   
 2     $.25382+000$      $.25704+000$      $.26022+000$      $.26334+000$      $.26642+000$   
 3     $.54993-001$      $.56549-001$      $.58115-001$      $.59691-001$      $.61276-001$   
 4     $.59576-002$      $.62204-002$      $.64895-002$      $.67650-002$      $.70467-002$   
 5     $.36480-003$      $.39100-003$      $.41409-003$      $.43811-003$      $.46307-003$   
 6     $.14269-004$      $.15361-004$      $.16514-004$      $.17733-004$      $.19019-004$   
 H =  $.23119+001$      $.23537+001$      $.23960+001$      $.24387+001$      $.24820+001$

THE  $\Theta = .14000+002$      $.14200+002$      $.14400+002$      $.14600+002$      $.14800+002$   
 -I-----P(I)-----  
 0     $.19795+000$      $.19454+000$      $.19120+000$      $.18794+000$      $.18475+000$   
 1     $.46189+000$      $.46041+000$      $.45889+000$      $.45732+000$      $.45572+000$   
 2     $.26944+000$      $.27241+000$      $.27533+000$      $.27820+000$      $.28103+000$   
 3     $.62869-001$      $.64470-001$      $.66080-001$      $.67697-001$      $.69320-001$   
 4     $.73347-002$      $.76290-002$      $.79296-002$      $.82364-002$      $.85495-002$   
 5     $.48898-003$      $.51587-003$      $.54374-003$      $.57263-003$      $.60254-003$   
 6     $.20374-004$      $.21801-004$      $.23303-004$      $.24882-004$      $.26540-004$   
 H =  $.25258+001$      $.25702+001$      $.26150+001$      $.26604+001$      $.27063+001$

THE  $\Theta = .15000+002$      $.15500+002$      $.16000+002$      $.16500+002$      $.17000+002$   
 -I-----P(I)-----  
 0     $.18163+000$      $.17413+000$      $.16703+000$      $.16031+000$      $.15393+000$   
 1     $.45408+000$      $.44985+000$      $.44543+000$      $.44085+000$      $.43614+000$   
 2     $.28380+000$      $.29053+000$      $.29695+000$      $.30308+000$      $.30894+000$   
 3     $.70950-001$      $.75052-001$      $.79187-001$      $.83348-001$      $.87532-001$   
 4     $.88688-002$      $.96943-002$      $.10558-001$      $.11460-001$      $.12400-001$   
 5     $.63349-003$      $.71553-003$      $.80444-003$      $.90046-003$      $.10038-002$   
 6     $.28281-004$      $.33008-004$      $.38307-004$      $.44219-004$      $.50789-004$   
 H =  $.27528+001$      $.28714+001$      $.29934+001$      $.31190+001$      $.32482+001$

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSLE DISTRIBUTION

$U_2 = 2 \quad U_3 = 1$

THETA= .17500+002 .18000+002 .18500+002 .19000+002 .19500+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .14788+000   | .14214+000 | .13668+000 | .13149+000 | .12655+000 |
| 1   | .43133+000   | .42641+000 | .42143+000 | .41638+000 | .41129+000 |
| 2   | .31451+000   | .31981+000 | .32485+000 | .32964+000 | .33417+000 |
| 3   | .91731-001   | .95943-001 | .10016+000 | .10438+000 | .10861+000 |
| 4   | .13378-001   | .14391-001 | .15442-001 | .16528-001 | .17648-001 |
| 5   | .11148-002   | .12336-002 | .13603-002 | .14953-002 | .16388-002 |
| 6   | .58062-004   | .66083-004 | .74900-004 | .84558-004 | .95108-004 |
| H   | = .33811+001 | .35177+001 | .36582+001 | .38026+001 | .39510+001 |

THETA= .20000+002 .21000+002 .22000+002 .23000+002 .24000+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .12185+000   | .11310+000 | .10514+000 | .97878-001 | .91247-001 |
| 1   | .40616+000   | .39584+000 | .38550+000 | .37520+000 | .36499+000 |
| 2   | .33847+000   | .34636+000 | .35338+000 | .35957+000 | .36499+000 |
| 3   | .11282+000   | .12123+000 | .12957+000 | .13783+000 | .14599+000 |
| 4   | .18804-001   | .21215-001 | .23755-001 | .26418-001 | .29199-001 |
| 5   | .17908-002   | .21215-002 | .24886-002 | .28934-002 | .33370-002 |
| 6   | .10660-003   | .13259-003 | .16294-003 | .19806-003 | .23836-003 |
| 7   |              | .55246-005 | .71126-005 | .90385-005 | .11350-004 |
| H   | = .41035+001 | .44210+001 | .47557+001 | .51084+001 | .54797+001 |

THETA= .25000+002 .30000+002 .35000+002 .40000+002 .45000+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .85175-001   | .61431-001 | .45417-001 | .34264-001 | .26291-001 |
| 1   | .35490+000   | .30715+000 | .26493+000 | .22843+000 | .19718+000 |
| 2   | .36968+000   | .38394+000 | .38636+000 | .38071+000 | .36971+000 |
| 3   | .15403+000   | .19197+000 | .22538+000 | .25381+000 | .27728+000 |
| 4   | .32091-001   | .47993-001 | .65775-001 | .84602-001 | .10398+000 |
| 5   | .38203-002   | .68561-002 | .10956-001 | .16115-001 | .22282-001 |
| 6   | .28425-003   | .61215-003 | .11412-002 | .19184-002 | .29842-002 |
| 7   | .14100-004   | .36438-004 | .79232-004 | .15225-003 | .26644-003 |
| 8   |              |            |            | .84586-005 | .16653-004 |
| H   | = .58703+001 | .81392+001 | .11009+002 | .14593+002 | .19018+002 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2 U3 = 1

THETA = .50000+002 .55000+002 .60000+002 .65000+002 .70000+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .20466-001   | .16132-001 | .12855-001 | .10343-001 | .83945-002 |
| 1   | .17055+000   | .14787+000 | .12855+000 | .11205+000 | .97936-001 |
| 2   | .35531+000   | .33887+000 | .32137+000 | .30347+000 | .28565+000 |
| 3   | .29609+000   | .31063+000 | .32137+000 | .32876+000 | .33325+000 |
| 4   | .12337+000   | .14237+000 | .16069+000 | .17808+000 | .19440+000 |
| 5   | .29374-001   | .37289-001 | .45910-001 | .55120-001 | .64799-001 |
| 6   | .43712-002   | .61038-002 | .81982-002 | .10663-001 | .13500-001 |
| 7   | .43365-003   | .66609-003 | .97598-003 | .13752-002 | .18750-002 |
| 8   | .30114-004   | .50882-004 | .81332-004 | .12415-003 | .18229-003 |
| 9   |              |            | .49292-005 | .81512-005 | .12889-004 |
| H   | = .24431+002 | .30995+002 | .38896+002 | .48341+002 | .59563+002 |

THETA = .75000+002 .80000+002 .85000+002 .90000+002 .95000+002

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .58661-002   | .56557-002 | .46886-002 | .39098-002 | .32781-002 |
| 1   | .85826-001   | .75409-001 | .66422-001 | .58647-001 | .51903-001 |
| 2   | .26821+000   | .25136+000 | .23524+000 | .21993+000 | .20545+000 |
| 3   | .33526+000   | .33515+000 | .33326+000 | .32989+000 | .32529+000 |
| 4   | .20954+000   | .22343+000 | .23606+000 | .24742+000 | .25752+000 |
| 5   | .74835-001   | .85118-001 | .95548-001 | .10604+000 | .11650+000 |
| 6   | .16704-001   | .20266-001 | .24171-001 | .28403-001 | .32939-001 |
| 7   | .24857-002   | .32168-002 | .40765-002 | .50719-002 | .62087-002 |
| 8   | .25893-003   | .35743-003 | .48126-003 | .63399-003 | .81920-003 |
| 9   | .19616-004   | .28883-004 | .41320-004 | .57635-004 | .78610-004 |
| 10  |              |            |            |            | .56576-005 |
| H   | = .72821+002 | .88407+002 | .10664+003 | .12788+003 | .15253+003 |

THETA = .10000+003

| -I- | P(I)         |  |  |  |  |
|-----|--------------|--|--|--|--|
| 0   | .27622-002   |  |  |  |  |
| 1   | .46037-001   |  |  |  |  |
| 2   | .19182+000   |  |  |  |  |
| 3   | .31970+000   |  |  |  |  |
| 4   | .26642+000   |  |  |  |  |
| 5   | .12686+000   |  |  |  |  |
| 6   | .37757-001   |  |  |  |  |
| 7   | .74915-002   |  |  |  |  |
| 8   | .10405-002   |  |  |  |  |
| 9   | .10510-003   |  |  |  |  |
| 10  | .79621-005   |  |  |  |  |
| H   | = .18102+003 |  |  |  |  |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 2 U3 = 2

|           |            |            |            |            |            |
|-----------|------------|------------|------------|------------|------------|
| THE TAU = | .00000+000 | .10000-001 | .20000-001 | .30000-001 | .40000-001 |
| -I-       | -----      | -----      | P(I)       | -----      | -----      |
| 0         | .10000+001 | .99889+000 | .99778+000 | .99667+000 | .99557+000 |
| 1         |            | .11095-002 | .22173-002 | .33222-002 | .44248-002 |
| 2         |            |            |            |            | .55309-005 |
| H =       | .25000+000 | .25028+000 | .25056+000 | .25083+000 | .25111+000 |
| THE TAU = | .50000-001 | .60000-001 | .70000-001 | .80000-001 | .90000-001 |
| -I-       | -----      | -----      | P(I)       | -----      | -----      |
| 0         | .99447+000 | .99337+000 | .99227+000 | .99117+000 | .99007+000 |
| 1         | .55248-002 | .66224-002 | .77176-002 | .88104-002 | .99007-002 |
| 2         | .86325-005 | .12417-004 | .16882-004 | .22026-004 | .27846-004 |
| H =       | .25139+000 | .25167+000 | .25195+000 | .25223+000 | .25251+000 |
| THE TAU = | .10000+000 | .11000+000 | .12000+000 | .13000+000 | .14000+000 |
| -I-       | -----      | -----      | P(I)       | -----      | -----      |
| 0         | .98898+000 | .98788+000 | .98679+000 | .98570+000 | .98462+000 |
| 1         | .10989-001 | .12011-001 | .13157-001 | .14238-001 | .15316-001 |
| 2         | .34339-004 | .41505-004 | .49340-004 | .57842-004 | .67009-004 |
| H =       | .25279+000 | .25307+000 | .25335+000 | .25363+000 | .25391+000 |
| THE TAU = | .15000+000 | .16000+000 | .17000+000 | .18000+000 | .19000+000 |
| -I-       | -----      | -----      | P(I)       | -----      | -----      |
| 0         | .98353+000 | .98245+000 | .98136+000 | .98028+000 | .97920+000 |
| 1         | .16392-001 | .17466-001 | .18537-001 | .19606-001 | .20672-001 |
| 2         | .76832-004 | .87329-004 | .98477-004 | .11028-003 | .12274-003 |
| H =       | .25419+000 | .25447+000 | .25475+000 | .25503+000 | .25531+000 |
| THE TAU = | .20000+000 | .21000+000 | .22000+000 | .23000+000 | .24000+000 |
| -I-       | -----      | -----      | P(I)       | -----      | -----      |
| 0         | .97813+000 | .97705+000 | .97598+000 | .97491+000 | .97384+000 |
| 1         | .21736-001 | .22798-001 | .23857-001 | .24914-001 | .25969-001 |
| 2         | .13585-003 | .14961-003 | .16402-003 | .17907-003 | .19477-003 |
| H =       | .25559+000 | .25587+000 | .25615+000 | .25643+000 | .25672+000 |
| THE TAU = | .25000+000 | .26000+000 | .27000+000 | .28000+000 | .29000+000 |
| -I-       | -----      | -----      | P(I)       | -----      | -----      |
| 0         | .97277+000 | .97170+000 | .97063+000 | .96957+000 | .96851+000 |
| 1         | .27021-001 | .28071-001 | .29119-001 | .30164-001 | .31207-001 |
| 2         | .21110-003 | .22808-003 | .24569-003 | .26394-003 | .28282-003 |
| H =       | .25700+000 | .25728+000 | .25756+000 | .25785+000 | .25813+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 2 \quad U_3 = 2$

| $\Theta_T A =$ | .30000+000 | .31000+000 | .32000+000 | .33000+000 | .34000+000 |
|----------------|------------|------------|------------|------------|------------|
| -I-            | -----      | -----      | P(I)-----  | -----      | -----      |
| 0              | .96745+000 | .96639+000 | .96533+000 | .96428+000 | .96322+000 |
| 1              | .32248-001 | .33287-001 | .34323-001 | .35357-001 | .36388-001 |
| 2              | .30233-003 | .32247-003 | .34323-003 | .36462-003 | .38663-003 |
| H =            | .25841+000 | .25869+000 | .25898+000 | .25926+000 | .25955+000 |
| $\Theta_T A =$ | .35000+000 | .36000+000 | .37000+000 | .38000+000 | .39000+000 |
| -I-            | -----      | -----      | P(I)-----  | -----      | -----      |
| 0              | .96217+000 | .96112+000 | .96007+000 | .95902+000 | .95798+000 |
| 1              | .37418-001 | .38445-001 | .39470-001 | .40492-001 | .41512-001 |
| 2              | .40926-003 | .43250-003 | .45637-003 | .48084-003 | .50593-003 |
| H =            | .25983+000 | .26011+000 | .26040+000 | .26068+000 | .26097+000 |
| $\Theta_T A =$ | .40000+000 | .41000+000 | .42000+000 | .43000+000 | .44000+000 |
| -I-            | -----      | -----      | P(I)-----  | -----      | -----      |
| 0              | .95694+000 | .95589+000 | .95485+000 | .95381+000 | .95278+000 |
| 1              | .42530-001 | .43546-001 | .44560-001 | .45571-001 | .46580-001 |
| 2              | .53163-003 | .55794-003 | .58485-003 | .61236-003 | .64048-003 |
| H =            | .26125+000 | .26154+000 | .26182+000 | .26211+000 | .26239+000 |
| $\Theta_T A =$ | .45000+000 | .46000+000 | .47000+000 | .48000+000 | .49000+000 |
| -I-            | -----      | -----      | P(I)-----  | -----      | -----      |
| 0              | .95174+000 | .95071+000 | .94967+000 | .94864+000 | .94761+000 |
| 1              | .47587-001 | .48592-001 | .49594-001 | .50594-001 | .51592-001 |
| 2              | .66919-003 | .69850-003 | .72841-003 | .75891-003 | .79001-003 |
| 3              |            |            |            |            | .51614-005 |
| H =            | .26268+000 | .26296+000 | .26325+000 | .26353+000 | .26382+000 |
| $\Theta_T A =$ | .50000+000 | .60000+000 | .70000+000 | .80000+000 | .90000+000 |
| -I-            | -----      | -----      | P(I)-----  | -----      | -----      |
| 0              | .94658+000 | .93639+000 | .92636+000 | .91648+000 | .90674+000 |
| 1              | .52588-001 | .62426-001 | .72050-001 | .81465-001 | .90674-001 |
| 2              | .82169-003 | .11705-002 | .15761-002 | .20366-002 | .25502-002 |
| 3              | .54779-005 | .93639-005 | .14710-004 | .21724-004 | .30603-004 |
| H =            | .26411+000 | .26698+000 | .26987+000 | .27278+000 | .27571+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2      U3 = 2

THETA= .10000+001 .11000+001 .12000+001 .13000+001 .14000+001

|     |                |            |            |            |            |
|-----|----------------|------------|------------|------------|------------|
| -I- | -----P(I)----- |            |            |            |            |
| 0   | .89716+000     | .88772+000 | .87842+000 | .86925+000 | .86022+000 |
| 1   | .99684-001     | .10850+000 | .11712+000 | .12556+000 | .13381+000 |
| 2   | .31151-002     | .37296-002 | .43921-002 | .51008-002 | .58543-002 |
| 3   | .41535-004     | .54701-004 | .70273-004 | .88414-004 | .10928-003 |
| H = | .27866+000     | .28162+000 | .28460+000 | .28760+000 | .29062+000 |

THETA= .15000+001 .16000+001 .17000+001 .18000+001 .19000+001

|     |                |            |            |            |            |
|-----|----------------|------------|------------|------------|------------|
| -I- | -----P(I)----- |            |            |            |            |
| 0   | .85133+000     | .84256+000 | .83392+000 | .82541+000 | .81702+000 |
| 1   | .14189+000     | .14979+000 | .15752+000 | .16508+000 | .17248+000 |
| 2   | .66510-002     | .74894-002 | .83682-002 | .92858-002 | .10241-001 |
| 3   | .13302-003     | .15977-003 | .18958-003 | .22286-003 | .25944-003 |
| H = | .29366+000     | .29671+000 | .29979+000 | .30288+000 | .30599+000 |

THETA= .20000+001 .21000+001 .22000+001 .23000+001 .24000+001

|     |                |            |            |            |            |
|-----|----------------|------------|------------|------------|------------|
| -I- | -----P(I)----- |            |            |            |            |
| 0   | .80874+000     | .80059+000 | .79255+000 | .78462+000 | .77681+000 |
| 1   | .17972+000     | .18680+000 | .19373+000 | .20051+000 | .20715+000 |
| 2   | .11233-001     | .12259-001 | .13319-001 | .14412-001 | .15536-001 |
| 3   | .29953-003     | .34325-003 | .39070-003 | .44197-003 | .49716-003 |
| 4   | .50058-005     | .59690-005 | .70592-005 | .82860-005 |            |
| H = | .30912+000     | .31227+000 | .31544+000 | .31862+000 | .32183+000 |

THETA= .25000+001 .26000+001 .27000+001 .28000+001 .29000+001

|     |                |            |            |            |            |
|-----|----------------|------------|------------|------------|------------|
| -I- | -----P(I)----- |            |            |            |            |
| 0   | .76910+000     | .76150+000 | .75401+000 | .74662+000 | .73933+000 |
| 1   | .21364+000     | .21999+000 | .22620+000 | .23228+000 | .23823+000 |
| 2   | .16691-001     | .17874-001 | .19086-001 | .20325-001 | .21589-001 |
| 3   | .55635-003     | .61964-003 | .68709-003 | .75879-003 | .83479-003 |
| 4   | .96589-005     | .11188-004 | .12883-004 | .14754-004 | .16812-004 |
| H = | .32505+000     | .32830+000 | .33156+000 | .33484+000 | .33814+000 |

THETA= .30000+001 .31000+001 .32000+001 .33000+001 .34000+001

|     |                |            |            |            |            |
|-----|----------------|------------|------------|------------|------------|
| -I- | -----P(I)----- |            |            |            |            |
| 0   | .73214+000     | .72505+000 | .71805+000 | .71115+000 | .70433+000 |
| 1   | .24405+000     | .24974+000 | .25531+000 | .26075+000 | .26608+000 |
| 2   | .22879-001     | .24193-001 | .25531-001 | .26890-001 | .28271-001 |
| 3   | .91517-003     | .99999-003 | .10893-002 | .11832-002 | .12816-002 |
| 4   | .19066-004     | .21528-004 | .24207-004 | .27114-004 | .30261-004 |
| H = | .34146+000     | .34481+000 | .34817+000 | .35155+000 | .35494+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2      U3 = 2

THETA= .35000+001 .36000+001 .37000+001 .38000+001 .39000+001

|     | P(I)           |            |            |            |            |
|-----|----------------|------------|------------|------------|------------|
| -I- | .69761+000     | .69098+000 | .68444+000 | .67738+000 | .67161+000 |
| 0   | .27129+000     | .27639+000 | .28138+000 | .28626+000 | .29103+000 |
| 1   | .29673-001     | .31094-001 | .32535-001 | .33993-001 | .35469-001 |
| 2   | .13847-002     | .14925-002 | .16050-002 | .17223-002 | .18444-002 |
| 3   | .33657-004     | .37313-004 | .41241-004 | .45450-004 | .49952-004 |
| 4   | H = .35836+000 | .36180+000 | .36526+000 | .36874+000 | .37224+000 |

THETA= .40000+001 .41000+001 .42000+001 .43000+001 .44000+001

|     | P(I)           |            |            |            |            |
|-----|----------------|------------|------------|------------|------------|
| -I- | .66532+000     | .65911+000 | .65298+000 | .64693+000 | .64095+000 |
| 0   | .29570+000     | .30026+000 | .30472+000 | .30909+000 | .31335+000 |
| 1   | .36962-001     | .38471-001 | .39995-001 | .41534-001 | .43086-001 |
| 2   | .19713-002     | .21031-002 | .22397-002 | .23813-002 | .25277-002 |
| 3   | .54758-004     | .59879-004 | .65325-004 | .71107-004 | .77236-004 |
| 4   | H = .37576+000 | .37930+000 | .38286+000 | .38684+000 | .39004+000 |

THETA= .45000+001 .46000+001 .47000+001 .48000+001 .49000+001

|     | P(I)           |            |            |            |            |
|-----|----------------|------------|------------|------------|------------|
| -I- | .63506+000     | .62923+000 | .62348+000 | .61781+000 | .61220+000 |
| 0   | .31753+000     | .32161+000 | .32560+000 | .32950+000 | .33331+000 |
| 1   | .44652-001     | .46231-001 | .47822-001 | .49425-001 | .51038-001 |
| 2   | .26791-002     | .28355-002 | .29969-002 | .31632-002 | .33345-002 |
| 3   | .83723-004     | .90579-004 | .97814-004 | .10544-003 | .11347-003 |
| 4   | H = .39367+000 | .39731+000 | .40097+000 | .40466+000 | .40836+000 |

THETA= .50000+001 .52000+001 .54000+001 .56000+001 .58000+001

|     | P(I)           |            |            |            |            |
|-----|----------------|------------|------------|------------|------------|
| -I- | .60667+000     | .59580+000 | .58520+000 | .57486+000 | .56476+000 |
| 0   | .33704+000     | .34424+000 | .35112+000 | .35769+000 | .36396+000 |
| 1   | .52662-001     | .55939-001 | .59251-001 | .62595-001 | .65967-001 |
| 2   | .35108-002     | .38784-002 | .42661-002 | .46738-002 | .51015-002 |
| 3   | .12190-003     | .14005-003 | .15998-003 | .18176-003 | .20548-003 |
| 4   | H = .41209+000 | .41960+000 | .42720+000 | .43489+000 | .44266+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 2 \quad U_3 = 2$

| THETA = .60000+001 |              | .62000+001 | .64000+001 | .66000+001 | .68000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .55491+000   | .54529+000 | .53590+000 | .52673+000 | .51777+000 |
| 1                  | .36994+000   | .37565+000 | .38108+000 | .38627+000 | .39120+000 |
| 2                  | .69364-001   | .72781-001 | .76217-001 | .79667-001 | .83130-001 |
| 3                  | .55491-002   | .60166-002 | .65038-002 | .70107-002 | .75371-002 |
| 4                  | .23121-003   | .25905-003 | .28906-003 | .32132-003 | .35592-003 |
| 5                  | .56623-005   | .65555-005 | .75509-005 | .86561-005 | .98786-005 |
| H                  | = .45052+000 | .45847+000 | .46651+000 | .47463+000 | .48284+000 |
| THETA = .70000+001 |              | .72000+001 | .74000+001 | .76000+001 | .78000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .50901+000   | .50046+000 | .49210+000 | .48393+000 | .47594+000 |
| 1                  | .39590+000   | .40037+000 | .40461+000 | .40865+000 | .41248+000 |
| 2                  | .86603-001   | .90082-001 | .93567-001 | .97054-001 | .10054+000 |
| 3                  | .80829-002   | .86479-002 | .92319-002 | .98348-002 | .10456-001 |
| 4                  | .39292-003   | .43240-003 | .47442-003 | .51906-003 | .56639-003 |
| 5                  | .11226-004   | .12707-004 | .14329-004 | .16101-004 | .18032-004 |
| H                  | = .49115+000 | .49954+000 | .50803+000 | .51661+000 | .52528+000 |
| THETA = .80000+001 |              | .82000+001 | .84000+001 | .86000+001 | .88000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .46813+000   | .46049+000 | .45302+000 | .44571+000 | .43856+000 |
| 1                  | .41611+000   | .41956+000 | .42281+000 | .42590+000 | .42881+000 |
| 2                  | .10403+000   | .10751+000 | .11099+000 | .11446+000 | .11792+000 |
| 3                  | .11096-001   | .11755-001 | .12431-001 | .13125-001 | .13836-001 |
| 4                  | .61646-003   | .66936-003 | .72513-003 | .78384-003 | .84555-003 |
| 5                  | .20129-004   | .22403-004 | .24861-004 | .27514-004 | .30371-004 |
| H                  | = .53404+000 | .54290+000 | .55186+000 | .56091+000 | .57005+000 |
| THETA = .90000+001 |              | .92000+001 | .94000+001 | .96000+001 | .98000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .43156+000   | .42471+000 | .41801+000 | .41144+000 | .40502+000 |
| 1                  | .43156+000   | .43415+000 | .43658+000 | .43887+000 | .44102+000 |
| 2                  | .12138+000   | .12482+000 | .12825+000 | .13166+000 | .13506+000 |
| 3                  | .14565-001   | .15311-001 | .16074-001 | .16853-001 | .17648-001 |
| 4                  | .91032-003   | .97820-003 | .10492-002 | .11235-002 | .12011-002 |
| 5                  | .33440-004   | .36732-004 | .40257-004 | .44023-004 | .48042-004 |
| H                  | = .57930+000 | .58864+000 | .59808+000 | .60762+000 | .61726+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSSEL DISTRIBUTION

U2 = 2      U3 = 2

| THETA = .10000+002 |              | .10200+002 | .10400+002 | .10600+002 | .10800+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .39873+000   | .39257+000 | .38653+000 | .38062+000 | .37483+000 |
| 1                  | .44303+000   | .44491+000 | .44666+000 | .44829+000 | .44979+000 |
| 2                  | .13845+000   | .14181+000 | .14516+000 | .14849+000 | .15181+000 |
| 3                  | .18460-001   | .19287-001 | .20129-001 | .20987-001 | .21860-001 |
| 4                  | .12819-002   | .13661-002 | .14538-002 | .15449-002 | .16395-002 |
| 5                  | .52323-004   | .56876-004 | .61712-004 | .66840-004 | .72272-004 |
| H                  | = .62699+000 | .63684+000 | .64678+000 | .65682+000 | .66697+000 |
| THETA = .11000+002 |              | .11200+002 | .11400+002 | .11600+002 | .11800+002 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .36915+000   | .36359+000 | .35814+000 | .35280+000 | .34756+000 |
| 1                  | .45119+000   | .45247+000 | .45365+000 | .45472+000 | .45569+000 |
| 2                  | .15510+000   | .15836+000 | .16161+000 | .16484+000 | .16804+000 |
| 3                  | .22747-001   | .23649-001 | .24565-001 | .25495-001 | .26438-001 |
| 4                  | .17376-002   | .18394-002 | .19447-002 | .20537-002 | .21664-002 |
| 5                  | .78017-004   | .84086-004 | .90489-004 | .97238-004 | .10434-003 |
| H                  | = .67723+000 | .68758+000 | .69805+000 | .70862+000 | .71930+000 |
| THETA = .12000+002 |              | .12200+002 | .12400+002 | .12600+002 | .12800+002 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .34243+000   | .33739+000 | .33245+000 | .32761+000 | .32286+000 |
| 1                  | .45657+000   | .45735+000 | .45805+000 | .45866+000 | .45918+000 |
| 2                  | .17121+000   | .17437+000 | .17749+000 | .18060+000 | .18367+000 |
| 3                  | .27394-001   | .28363-001 | .29346-001 | .30340-001 | .31347-001 |
| 4                  | .22828-002   | .24030-002 | .25270-002 | .26548-002 | .27864-002 |
| 5                  | .11181-003   | .11966-003 | .12790-003 | .13653-003 | .14557-003 |
| H                  | = .73008+000 | .74098+000 | .75198+000 | .76310+000 | .77432+000 |
| THETA = .13000+002 |              | .13200+002 | .13400+002 | .13600+002 | .13800+002 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .31820+000   | .31363+000 | .30915+000 | .30475+000 | .30043+000 |
| 1                  | .45963+000   | .45999+000 | .46029+000 | .46051+000 | .46065+000 |
| 2                  | .18672+000   | .18975+000 | .19274+000 | .19571+000 | .19866+000 |
| 3                  | .32365-001   | .33396-001 | .34437-001 | .35490-001 | .36553-001 |
| 4                  | .29219-002   | .30613-002 | .32046-002 | .33518-002 | .35030-002 |
| 5                  | .15504-003   | .16493-003 | .17527-003 | .18606-003 | .19731-003 |
| 6                  | .52487-005   | .56696-005 | .61162-005 | .65896-005 | .70909-005 |
| H                  | = .78566+000 | .79711+000 | .80868+000 | .82036+000 | .83215+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 2$      $U_3 = 2$

| THE TAU = .14000+002 |              | .14200+002 |            | .14400+002 |            | .14600+002 |  | .14800+002 |  |
|----------------------|--------------|------------|------------|------------|------------|------------|--|------------|--|
| -I-                  |              | P(I)       |            |            |            |            |  |            |  |
| 0                    | .29619+000   | .29203+000 | .28794+000 | .28393+000 | .28000+000 |            |  |            |  |
| 1                    | .46074+000   | .46075+000 | .46071+000 | .46060+000 | .46044+000 |            |  |            |  |
| 2                    | .20157+000   | .20446+000 | .20732+000 | .21015+000 | .21295+000 |            |  |            |  |
| 3                    | .37627-001   | .38711-001 | .39805-001 | .40909-001 | .42023-001 |            |  |            |  |
| 4                    | .36582-002   | .38173-002 | .39805-002 | .41477-002 | .43190-002 |            |  |            |  |
| 5                    | .20904-003   | .22125-003 | .23396-003 | .24717-003 | .26090-003 |            |  |            |  |
| 6                    | .76212-005   | .8181F-005 | .87734-005 | .93977-005 | .10056-004 |            |  |            |  |
| H                    | = .84406+000 | .85608+000 | .86823+000 | .88049+000 | .89287+000 |            |  |            |  |
| THE TAU = .15000+002 |              | .15500+002 |            | .16000+002 |            | .16500+002 |  | .17000+002 |  |
| -I-                  |              | P(I)       |            |            |            |            |  |            |  |
| 0                    | .27613+000   | .26677+000 | .25781+000 | .24924+000 | .24104+000 |            |  |            |  |
| 1                    | .46022+000   | .45943+000 | .45833+000 | .45695+000 | .45531+000 |            |  |            |  |
| 2                    | .21573+000   | .22254+000 | .22917+000 | .23561+000 | .24188+000 |            |  |            |  |
| 3                    | .43145-001   | .45991-001 | .48889-001 | .51835-001 | .54826-001 |            |  |            |  |
| 4                    | .44943-002   | .49504-002 | .54321-002 | .59394-002 | .64726-002 |            |  |            |  |
| 5                    | .27516-003   | .31319-003 | .35475-003 | .40000-003 | .44912-003 |            |  |            |  |
| 6                    | .10749-004   | .12642-004 | .14781-004 | .17188-004 | .19883-004 |            |  |            |  |
| H                    | = .90537+000 | .93715+000 | .96970+000 | .10030+001 | .10372+001 |            |  |            |  |
| THE TAU = .17500+002 |              | .18000+002 |            | .18500+002 |            | .19000+002 |  | .19500+002 |  |
| -I-                  |              | P(I)       |            |            |            |            |  |            |  |
| 0                    | .23319+000   | .22566+000 | .21845+000 | .21153+000 | .20489+000 |            |  |            |  |
| 1                    | .45343+000   | .45133+000 | .44904+000 | .44E57+000 | .44393+000 |            |  |            |  |
| 2                    | .24797+000   | .25387+000 | .25960+000 | .26515+000 | .27052+000 |            |  |            |  |
| 3                    | .57859-001   | .60930-001 | .64035-001 | .67171-001 | .70335-001 |            |  |            |  |
| 4                    | .70315-002   | .75162-002 | .82267-002 | .88628-002 | .95246-002 |            |  |            |  |
| 5                    | .50225-003   | .55956-003 | .62120-003 | .68732-003 | .75808-003 |            |  |            |  |
| 6                    | .22889-004   | .26229-004 | .29927-004 | .34008-004 | .38496-004 |            |  |            |  |
| H                    | = .10721+001 | .11078+001 | .11444+001 | .11819+001 | .12202+001 |            |  |            |  |
| THE TAU = .20000+002 |              | .21000+002 |            | .22000+002 |            | .23000+002 |  | .24000+002 |  |
| -I-                  |              | P(I)       |            |            |            |            |  |            |  |
| 0                    | .19852+000   | .18651+000 | .17542+000 | .16516+000 | .15566+000 |            |  |            |  |
| 1                    | .46115+000   | .43520+000 | .42882+000 | .42209+000 | .41508+000 |            |  |            |  |
| 2                    | .27572+000   | .28560+000 | .29481+000 | .30337+000 | .31131+000 |            |  |            |  |
| 3                    | .73525-001   | .79968-001 | .86478-001 | .93035-001 | .99619-001 |            |  |            |  |
| 4                    | .10212-001   | .11662-001 | .13212-001 | .14860-001 | .16603-001 |            |  |            |  |
| 5                    | .83362-003   | .99960-003 | .11864-002 | .13950-002 | .16264-002 |            |  |            |  |
| 6                    | .43417-004   | .54666-004 | .67959-004 | .83554-004 | .10165-003 |            |  |            |  |
| H                    | = .12593+001 | .13404+001 | .14251+001 | .15136+001 | .16061+001 |            |  |            |  |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 2$      $U_3 = 2$

| THETA = .25000+002 |              | .30000+002 | .35000+002 | .40000+002 | .45000+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .14683+000   | .11107+000 | .85577-001 | .66955-001 | .53075-001 |
| 1                  | .40786+000   | .37024+000 | .33280+000 | .29758+000 | .26537+000 |
| 2                  | .31864+000   | .34710+000 | .36400+000 | .37197+000 | .37318+000 |
| 3                  | .10621+000   | .13884+000 | .16987+000 | .19838+000 | .22391+000 |
| 4                  | .19440-001   | .28925-001 | .41287-001 | .55107-001 | .69972-001 |
| 5                  | .18816-002   | .35418-002 | .58991-002 | .89971-002 | .12852-001 |
| 6                  | .12250-003   | .27670-003 | .53759-003 | .93719-003 | .15061-002 |
| 7                  | .54013-005   | .14640-004 | .33185-004 | .66116-004 | .11953-003 |
| 8                  |              |            |            |            | .67236-005 |
| H                  | = .17026+001 | .22508+001 | .29213+001 | .37339+001 | .47103+001 |
| THETA = .50000+002 |              | .55000+002 | .60000+002 | .65000+002 | .70000+002 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .42551-001   | .34454-001 | .28144-001 | .23171-001 | .19211-001 |
| 1                  | .23640+000   | .21055+000 | .18763+000 | .16734+000 | .14942+000 |
| 2                  | .36937+000   | .36189+000 | .35180+000 | .33992+000 | .32686+000 |
| 3                  | .24625+000   | .26539+000 | .28144+000 | .29460+000 | .30507+000 |
| 4                  | .85502-001   | .10136+000 | .11727+000 | .13298+000 | .14830+000 |
| 5                  | .17449-001   | .22755-001 | .28718-001 | .35280-001 | .42371-001 |
| 6                  | .22721-002   | .32592-002 | .44873-002 | .59718-002 | .77239-002 |
| 7                  | .20036-003   | .31614-003 | .47484-003 | .68450-003 | .95356-003 |
| 8                  | .12522-004   | .21735-004 | .35613-004 | .55624-004 | .83437-004 |
| 9                  |              |            |            |            | .53632-005 |
| H                  | = .58753+001 | .72560+001 | .88828+001 | .10789+002 | .13013+002 |
| THETA = .75000+002 |              | .80000+002 | .85000+002 | .90000+002 | .95000+002 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .16031-001   | .13455-001 | .11354-001 | .96286-002 | .82025-002 |
| 1                  | .13359+000   | .11960+000 | .10724+000 | .96286-001 | .86582-001 |
| 2                  | .31311+000   | .29901+000 | .28484+000 | .27080+000 | .25704+000 |
| 3                  | .31311+000   | .31894+000 | .32282+000 | .32497+000 | .32559+000 |
| 4                  | .16308+000   | .17719+000 | .19055+000 | .20310+000 | .21480+000 |
| 5                  | .49921-001   | .57858-001 | .66111-001 | .74609-001 | .83288-001 |
| 6                  | .97502-002   | .12054-001 | .14634-001 | .17487-001 | .20605-001 |
| 7                  | .12897-002   | .17007-002 | .21938-002 | .27756-002 | .34524-002 |
| 8                  | .12091-003   | .17007-003 | .23309-003 | .31226-003 | .40997-003 |
| 9                  | .83272-005   | .12494-004 | .19193-004 | .29807-004 | .35764-004 |
| H                  | = .15595+002 | .18580+002 | .22018+002 | .25964+002 | .30478+002 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSLE DISTRIBUTION

$U_2 = 2 \quad U^2 = 2$

THE TA = .10000+003

| -I- | -----P(I)----- |  |  |  |  |
|-----|----------------|--|--|--|--|
| 0   | .70173-002     |  |  |  |  |
| 1   | .77970-001     |  |  |  |  |
| 2   | .24366+000     |  |  |  |  |
| 3   | .32487+000     |  |  |  |  |
| 4   | .22561+000     |  |  |  |  |
| 5   | .92085-001     |  |  |  |  |
| 6   | .23980-001     |  |  |  |  |
| 7   | .42293-002     |  |  |  |  |
| 8   | .52867-003     |  |  |  |  |
| 9   | .48546-004     |  |  |  |  |
| H   | = .35626+002   |  |  |  |  |

$U_2 = 3 \quad U^2 = 3$

THE TA = .00000+000 .10000-001 .20000-001 .30000-001 .40000-001

| -I- | -----P(I)----- |            |            |            |            |
|-----|----------------|------------|------------|------------|------------|
| 0   | .10000+001     | .99750+000 | .99502+000 | .99254+000 | .99008+000 |
| 1   |                | .24938-002 | .49751-002 | .74441-002 | .99008-002 |
| 2   |                |            |            | .11166-004 | .19802-004 |
| H   | = .16667+000   | .16708+000 | .16750+000 | .16792+000 | .16834+000 |

THE TA = .50000-001 .60000-001 .70000-001 .80000-001 .90000-001

| -I- | -----P(I)----- |            |            |            |            |
|-----|----------------|------------|------------|------------|------------|
| 0   | .99762+000     | .98519+000 | .98274+000 | .98032+000 | .97790+000 |
| 1   | .12345-001     | .14778-001 | .17198-001 | .19606-001 | .22003-001 |
| 2   | .30863-004     | .44333-004 | .60193-004 | .78425-004 | .99012-004 |
| H   | = .16676+000   | .16917+000 | .16959+000 | .17001+000 | .17043+000 |

THE TA = .10000+000 .11000+000 .12000+000 .13000+000 .14000+000

| -I- | -----P(I)----- |            |            |            |            |
|-----|----------------|------------|------------|------------|------------|
| 0   | .97549+000     | .97309+000 | .97070+000 | .96832+000 | .96595+000 |
| 1   | .24387-001     | .26760-001 | .29121-001 | .31471-001 | .33808-001 |
| 2   | .12194-003     | .14718-003 | .17473-003 | .20456-003 | .23666-003 |
| H   | = .17085+000   | .17128+000 | .17170+000 | .17212+000 | .17254+000 |

THE TA = .15000+000 .16000+000 .17000+000 .18000+000 .19000+000

| -I- | -----P(I)----- |            |            |            |            |
|-----|----------------|------------|------------|------------|------------|
| 0   | .96359+000     | .96124+000 | .95890+000 | .95657+000 | .95424+000 |
| 1   | .36135-001     | .38450-001 | .40753-001 | .43045-001 | .45326-001 |
| 2   | .27101-003     | .30760-003 | .34640-003 | .38741-003 | .43060-003 |
| H   | = .17296+000   | .17339+000 | .17381+000 | .17423+000 | .17466+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 3 \quad U_3 = 0$

| THETA = .20000+000 .21000+000 .22000+000 .23000+000 .24000+000 |              |            |            |            |            |
|--|--------------|------------|------------|------------|------------|
| -I-----P(I)-----   |              |            |            |            |            |
| 0  | .95193+000   | .94962+000 | .94732+000 | .94503+000 | .94275+000 |
| 1  | .47596-001   | .49855-001 | .52103-001 | .54339-001 | .56565-001 |
| 2  | .47596-003   | .52348-003 | .57313-003 | .62490-003 | .67878-003 |
| H  | = .17508+000 | .17551+000 | .17593+000 | .17636+000 | .17679+000 |
| THETA = .25000+000 .26000+000 .27000+000 .28000+000 .29000+000 |              |            |            |            |            |
| -I-----P(I)-----   |              |            |            |            |            |
| 0  | .94048+000   | .93822+000 | .93597+000 | .93372+000 | .93148+000 |
| 1  | .58780-001   | .60984-001 | .63178-001 | .65360-001 | .67533-001 |
| 2  | .73475-003   | .79280-003 | .85290-003 | .91505-003 | .97922-003 |
| 3  |              |            |            |            | .52588-005 |
| H  | = .17721+000 | .17764+000 | .17807+000 | .17850+000 | .17893+000 |
| THETA = .30000+000 .31000+000 .32000+000 .33000+000 .34000+000 |              |            |            |            |            |
| -I-----P(I)-----   |              |            |            |            |            |
| 0  | .92925+000   | .92703+000 | .92482+000 | .92262+000 | .92043+000 |
| 1  | .69694-001   | .71845-001 | .73986-001 | .76116-001 | .78236-001 |
| 2  | .10454-002   | .11136-002 | .11838-002 | .12559-002 | .13300-002 |
| 3  | .58078-005   | .63929-005 | .70150-005 | .76750-005 | .83742-005 |
| H  | = .17936+000 | .17978+000 | .18021+000 | .18064+000 | .18108+000 |
| THETA = .35000+000 .36000+000 .37000+000 .38000+000 .39000+000 |              |            |            |            |            |
| -I-----P(I)-----   |              |            |            |            |            |
| 0  | .91824+000   | .91605+000 | .91389+000 | .91173+000 | .90957+000 |
| 1  | .80346-001   | .82445-001 | .84535-001 | .86614-001 | .88684-001 |
| 2  | .14061-002   | .14840-002 | .15639-002 | .16457-002 | .17293-002 |
| 3  | .91133-005   | .98935-005 | .10716-004 | .11581-004 | .12490-004 |
| H  | = .18151+000 | .18194+000 | .18237+000 | .18280+000 | .18324+000 |
| THETA = .40000+000 .41000+000 .42000+000 .43000+000 .44000+000 |              |            |            |            |            |
| -I-----P(I)-----   |              |            |            |            |            |
| 0  | .90743+000   | .90529+000 | .90316+000 | .90104+000 | .89893+000 |
| 1  | .90743-001   | .92792-001 | .94832-001 | .96862-001 | .98882-001 |
| 2  | .18149-002   | .19022-002 | .19915-002 | .20825-002 | .21754-002 |
| 3  | .13443-004   | .14443-004 | .15489-004 | .16583-004 | .17725-004 |
| H  | = .19367+000 | .18410+000 | .18454+000 | .18497+000 | .18541+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 3 \quad U_3 = 0$

THETA = .45000+000 .46000+000 .47000+000 .48000+000 .49000+000

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .89682+000   | .89472+000 | .89263+000 | .89055+000 | .88847+000 |
| 1   | .10089+000   | .10289+000 | .10488+000 | .10687+000 | .10884+000 |
| 2   | .27701-002   | .23665-002 | .24648-002 | .25648-002 | .26665-002 |
| 3   | .19917-004   | .20159-004 | .21453-004 | .22798-004 | .24196-004 |
| H   | = .18584+000 | .18628+000 | .18671+000 | .18715+000 | .18759+000 |

THETA = .50000+000 .60000+000 .70000+000 .80000+000 .90000+000

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .88640+000   | .86614+000 | .84659+000 | .82773+000 | .80952+000 |
| 1   | .11080+000   | .12992+000 | .14815+000 | .16555+000 | .18214+000 |
| 2   | .27700-002   | .38976-002 | .51854-002 | .66219-002 | .81964-002 |
| 3   | .25648-004   | .43307-004 | .67218-004 | .98102-004 | .13661-003 |
| H   | = .18803+000 | .19243+000 | .19687+000 | .20135+000 | .20588+000 |

THETA = .10000+001 .11000+001 .12000+001 .13000+001 .14000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .79193+000   | .77493+000 | .75849+000 | .74259+000 | .72720+000 |
| 1   | .19798+000   | .21311+000 | .22755+000 | .24134+000 | .25452+000 |
| 2   | .98992-002   | .11721-001 | .13653-001 | .15687-001 | .17816-001 |
| 3   | .18332-003   | .23876-003 | .30340-003 | .37765-003 | .46190-003 |
| 4   |              |            |            |            | .57738-005 |
| H   | = .21046+000 | .21507+000 | .21973+000 | .22444+000 | .22919+000 |

THETA = .15000+001 .16000+001 .17000+001 .18000+001 .19000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .71229+000   | .69786+000 | .68386+000 | .67030+000 | .65714+000 |
| 1   | .26711+000   | .27914+000 | .29064+000 | .30163+000 | .31214+000 |
| 2   | .20033-001   | .22331-001 | .24705-001 | .27147-001 | .29654-001 |
| 3   | .55648-003   | .66167-003 | .77774-003 | .90490-003 | .10434-002 |
| 4   | .74528-005   | .94524-005 | .11805-004 | .14543-004 | .17700-004 |
| H   | = .23399+000 | .23883+000 | .24371+000 | .24865+000 | .25362+000 |

THETA = .20000+001 .21000+001 .22000+001 .23000+001 .24000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .64438+000   | .63199+000 | .61996+000 | .60827+000 | .59692+000 |
| 1   | .32219+000   | .33179+000 | .34098+000 | .34976+000 | .35815+000 |
| 2   | .32219-001   | .34838-001 | .37507-001 | .40222-001 | .42978-001 |
| 3   | .11933-002   | .13548-002 | .15281-002 | .17132-002 | .19101-002 |
| 4   | .21309-004   | .25403-004 | .30016-004 | .35181-004 | .40932-004 |
| H   | = .25865+000 | .26372+000 | .26884+000 | .27400+000 | .27921+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 3$        $U_3 = 0$

| THE TAU = .25000+001 |              | .26000+001 | .27000+001 | .28000+001 | .29000+001 |
|----------------------|--------------|------------|------------|------------|------------|
| -I-                  |              | P(I)       |            |            |            |
| 0                    | .59588+000   | .57515+000 | .56472+000 | .55457+000 | .54469+000 |
| 1                    | .36618+000   | .37385+000 | .38119+000 | .38820+000 | .39490+000 |
| 2                    | .45772-001   | .48601-001 | .51460-001 | .54348-001 | .57260-001 |
| 3                    | .21191-002   | .23400-002 | .25730-002 | .28190-002 | .30751-002 |
| 4                    | .47301-004   | .54322-004 | .62028-004 | .70450-004 | .79623-004 |
| H                    | = .28447+000 | .28978+000 | .29513+000 | .30054+000 | .30599+000 |
| THE TAU = .30000+001 |              | .31000+001 | .32000+001 | .33000+001 | .34000+001 |
| -I-                  |              | P(I)       |            |            |            |
| 0                    | .53507+000   | .52570+000 | .51658+000 | .50769+000 | .49903+000 |
| 1                    | .40130+000   | .40742+000 | .41326+000 | .41885+000 | .42418+000 |
| 2                    | .60195-001   | .63150-001 | .66122-001 | .69110-001 | .72110-001 |
| 3                    | .33442-002   | .36253-002 | .39184-002 | .42234-002 | .45403-002 |
| 4                    | .89576-004   | .10034-003 | .11195-003 | .12444-003 | .13793-003 |
| H                    | = .31149+000 | .31704+000 | .32263+000 | .32828+000 | .33398+000 |
| THE TAU = .35000+001 |              | .36000+001 | .37000+001 | .38000+001 | .39000+001 |
| -I-                  |              | P(I)       |            |            |            |
| 0                    | .49059+000   | .48238+000 | .47433+000 | .46650+000 | .45885+000 |
| 1                    | .42927+000   | .43412+000 | .43875+000 | .44317+000 | .44738+000 |
| 2                    | .75121-001   | .78142-001 | .81169-001 | .84203-001 | .87240-001 |
| 3                    | .49690-002   | .52095-002 | .55616-002 | .59254-002 | .63006-002 |
| 4                    | .15216-003   | .16745-003 | .18373-003 | .20104-003 | .21940-003 |
| H                    | = .33973+000 | .34553+000 | .35137+000 | .35727+000 | .36322+000 |
| THE TAU = .40000+001 |              | .41000+001 | .42000+001 | .43000+001 | .44000+001 |
| -I-                  |              | P(I)       |            |            |            |
| 0                    | .45139+000   | .44411+000 | .43700+000 | .43006+000 | .42328+000 |
| 1                    | .45139+000   | .45522+000 | .45885+000 | .46232+000 | .46561+000 |
| 2                    | .90279-001   | .93319-001 | .96359-001 | .99398-001 | .10243+000 |
| 3                    | .66873-002   | .70854-002 | .74946-002 | .79150-002 | .83464-002 |
| 4                    | .23883-003   | .25937-003 | .28105-003 | .30388-003 | .32790-003 |
| 5                    |              | .53172-005 | .59020-005 | .65334-005 | .72137-005 |
| H                    | = .36923+000 | .37529+000 | .38138+000 | .38754+000 | .39375+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 3$        $U_3 = 0$

THETA = .45000+001 .46000+001 .47000+001 .48000+001 .49000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .41665+000   | .41018+000 | .40395+000 | .39766+000 | .39161+000 |
| 1   | .46873+000   | .47170+000 | .47452+000 | .47719+000 | .47972+000 |
| 2   | .10546+000   | .10849+000 | .11151+000 | .11453+000 | .11753+000 |
| 3   | .87887-002   | .92419-002 | .97057-002 | .10180-001 | .10665-001 |
| 4   | .35312-003   | .37958-003 | .40729-003 | .43629-003 | .46659-003 |
| 5   | .79452-005   | .87303-005 | .95714-005 | .10471-004 | .11431-004 |
| H   | = .40001+000 | .40633+000 | .41270+000 | .41912+000 | .42560+000 |

THETA = .50000+001 .52000+001 .54000+001 .56000+001 .58000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .39569+000   | .37424+000 | .36327+000 | .35277+000 | .34269+000 |
| 1   | .48211+000   | .48651+000 | .49042+000 | .49387+000 | .49690+000 |
| 2   | .12053+000   | .12649+000 | .13241+000 | .13828+000 | .14410+000 |
| 3   | .11160-001   | .12181-001 | .13241-001 | .14341-001 | .15478-001 |
| 4   | .49821-003   | .56553-003 | .63842-003 | .71703-003 | .80152-003 |
| 5   | .12455-004   | .14704-004 | .17237-004 | .20077-004 | .23244-004 |
| H   | = .43213+000 | .44535+000 | .45879+000 | .47246+000 | .48635+000 |

THETA = .60000+001 .62000+001 .64000+001 .66000+001 .68000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .33303+000   | .32375+000 | .31494+000 | .30627+000 | .29803+000 |
| 1   | .49954+000   | .50181+000 | .50374+000 | .50534+000 | .50665+000 |
| 2   | .14986+000   | .15556+000 | .16120+000 | .16676+000 | .17226+000 |
| 3   | .16651-C01   | .17861-001 | .19105-001 | .20382-001 | .21692-001 |
| 4   | .89204-003   | .98872-003 | .10917-002 | .12011-002 | .13170-002 |
| 5   | .26761-004   | .30650-004 | .34934-004 | .39636-004 | .44779-004 |
| H   | = .50046+000 | .51490+000 | .52938+000 | .54418+000 | .55923+000 |

THETA = .70000+001 .72000+001 .74000+001 .76000+001 .78000+001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .29010+000   | .28247+000 | .27512+000 | .26804+000 | .26121+000 |
| 1   | .50768+000   | .50845+000 | .50898+000 | .50928+000 | .50936+000 |
| 2   | .17769+000   | .18304+000 | .18832+000 | .19353+000 | .19865+000 |
| 3   | .23034-001   | .24406-001 | .25807-001 | .27237-001 | .28694-001 |
| 4   | .14396-002   | .15689-002 | .17051-002 | .18482-002 | .19983-002 |
| 5   | .50386-004   | .55482-004 | .63089-004 | .70232-004 | .77935-004 |
| H   | = .57451+000 | .59003+000 | .60579+000 | .62180+000 | .63805+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 0

| THETA = .80000+001 |              | .82000+001 | .84000+001 | .86000+001 | .88000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              |            | P(I)       |            |            |
| 0                  | .25463+000   | .24827+000 | .24213+000 | .23621+000 | .23048+000 |
| 1                  | .50925+000   | .50895+000 | .50848+000 | .50785+000 | .50706+000 |
| 2                  | .20370+000   | .20867+000 | .21356+000 | .21838+000 | .22311+000 |
| 3                  | .30178-001   | .31687-001 | .33221-001 | .34778-001 | .36358-001 |
| 4                  | .21556-002   | .23199-002 | .24916-002 | .26705-002 | .28567-002 |
| 5                  | .86223-004   | .95118-004 | .10465-003 | .11483-003 | .12570-003 |
| H                  | = .65456+000 | .67131+000 | .68832+000 | .70559+000 | .72312+000 |
| THETA = .90000+001 |              | .92000+001 | .94000+001 | .96000+001 | .98000+001 |
| -I-                |              |            | P(I)       |            |            |
| 0                  | .22495+000   | .21960+000 | .21442+000 | .20941+000 | .20457+000 |
| 1                  | .50614+000   | .50508+000 | .50389+000 | .50259+000 | .50119+000 |
| 2                  | .22776+000   | .23234+000 | .23643+000 | .24125+000 | .24558+000 |
| 3                  | .37960-001   | .39583-001 | .41226-001 | .42888-001 | .44569-001 |
| 4                  | .30504-002   | .32515-002 | .34600-002 | .36761-002 | .38997-002 |
| 5                  | .13727-003   | .14957-003 | .16262-003 | .17645-003 | .19109-003 |
| 6                  |              |            |            | .52283-005 | .57798-005 |
| H                  | = .74091+000 | .75896+000 | .77728+000 | .79587+000 | .81473+000 |
| THETA = .10000+002 |              | .10200+002 | .10400+002 | .10600+002 | .10800+002 |
| -I-                |              |            | P(I)       |            |            |
| 0                  | .19987+000   | .19532+000 | .19092+000 | .18665+000 | .18251+000 |
| 1                  | .49968+000   | .49808+000 | .49639+000 | .49461+000 | .49276+000 |
| 2                  | .24984+000   | .25402+000 | .25812+000 | .26215+000 | .26609+000 |
| 3                  | .46267-001   | .47981-001 | .49712-001 | .51458-001 | .53219-001 |
| 4                  | .41309-002   | .43697-002 | .46161-002 | .48701-002 | .51313-002 |
| 5                  | .20655-003   | .22286-003 | .24004-003 | .25812-003 | .27712-003 |
| 6                  | .63749-005   | .70158-005 | .77049-005 | .84446-005 | .92372-005 |
| H                  | = .83387+000 | .85328+000 | .87298+000 | .89295+000 | .91321+000 |
| THETA = .11000+002 |              | .11200+002 | .11400+002 | .11600+002 | .11800+002 |
| -I-                |              |            | P(I)       |            |            |
| 0                  | .17849+000   | .17459+000 | .17091+000 | .16714+000 | .16358+000 |
| 1                  | .49084+000   | .48886+000 | .48681+000 | .48471+000 | .48255+000 |
| 2                  | .26996+000   | .27376+000 | .27748+000 | .28113+000 | .28470+000 |
| 3                  | .54993-001   | .56780-001 | .58580-001 | .60391-001 | .62213-001 |
| 4                  | .54011-002   | .56780-002 | .59626-002 | .62548-002 | .65546-002 |
| 5                  | .29706-003   | .31797-003 | .33997-003 | .36278-003 | .38672-003 |
| 6                  | .10085-004   | .10992-004 | .11958-004 | .12998-004 | .14084-004 |
| H                  | = .93376+000 | .95460+000 | .97574+000 | .99717+000 | .10189+001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 3$        $U_3 = 0$

THE  $\Theta = .12000+002$      $.12200+002$      $.12400+002$      $.12600+002$      $.12800+002$

|     |                | -P(I)-       |              |              |
|-----|----------------|--------------|--------------|--------------|
| -I- |                |              |              |              |
| 0   | $.16011+000$   | $.15675+000$ | $.15348+000$ | $.15031+000$ |
| 1   | $.48034+000$   | $.47809+000$ | $.47580+000$ | $.47347+000$ |
| 2   | $.28821+000$   | $.29164+000$ | $.29500+000$ | $.29828+000$ |
| 3   | $.64046-001$   | $.65888-001$ | $.67740-001$ | $.69600-001$ |
| 4   | $.69521-002$   | $.71771-002$ | $.74997-002$ | $.78300-002$ |
| 5   | $.41172-003$   | $.43780-003$ | $.46498-003$ | $.49329-003$ |
| 6   | $.15249-004$   | $.16485-004$ | $.17796-004$ | $.19183-004$ |
| H   | $= .10409+001$ | $.10633+001$ | $.10859+001$ | $.11088+001$ |
|     |                |              |              | $.11321+001$ |

THE  $\Theta = .13000+002$      $.13200+002$      $.13400+002$      $.13600+002$      $.13800+002$

|     |                | -P(I)-       |              |              |
|-----|----------------|--------------|--------------|--------------|
| -I- |                |              |              |              |
| 0   | $.14422+000$   | $.14129+000$ | $.13845+000$ | $.13569+000$ |
| 1   | $.46870+000$   | $.46627+000$ | $.46381+000$ | $.46133+000$ |
| 2   | $.30465+000$   | $.30774+000$ | $.31075+000$ | $.31370+000$ |
| 3   | $.73343-001$   | $.75225-001$ | $.77113-001$ | $.79007-001$ |
| 4   | $.85130-002$   | $.88658-002$ | $.92260-002$ | $.95937-002$ |
| 5   | $.55334-003$   | $.58514-003$ | $.61814-003$ | $.65237-003$ |
| 6   | $.22202-004$   | $.23839-004$ | $.25555-004$ | $.27384-004$ |
| H   | $= .11557+001$ | $.11796+001$ | $.12038+001$ | $.12283+001$ |
|     |                |              |              | $.12532+001$ |

THE  $\Theta = .14000+002$      $.14200+002$      $.14400+002$      $.14600+002$      $.14800+002$

|     |                | -P(I)-       |              |              |
|-----|----------------|--------------|--------------|--------------|
| -I- |                |              |              |              |
| 0   | $.13037+000$   | $.12782+000$ | $.12533+000$ | $.12291+000$ |
| 1   | $.45630+000$   | $.45376+000$ | $.45120+000$ | $.44862+000$ |
| 2   | $.31941+000$   | $.32217+000$ | $.32486+000$ | $.32750+000$ |
| 3   | $.82810-001$   | $.84718-001$ | $.86630-001$ | $.88545-001$ |
| 4   | $.10351-001$   | $.10741-001$ | $.11138-001$ | $.11542-001$ |
| 5   | $.72459-003$   | $.76261-003$ | $.80195-003$ | $.84260-003$ |
| 6   | $.31309-004$   | $.33423-004$ | $.35642-004$ | $.37969-004$ |
| H   | $= .12784+001$ | $.13039+001$ | $.13298+001$ | $.13560+001$ |
|     |                |              |              | $.13825+001$ |

THE  $\Theta = .15000+002$      $.15500+002$      $.16000+002$      $.16500+002$      $.17000+002$

|     |                | -P(I)-       |              |              |
|-----|----------------|--------------|--------------|--------------|
| -I- |                |              |              |              |
| 0   | $.11825+000$   | $.11275+000$ | $.10758+000$ | $.10273+000$ |
| 1   | $.44344+000$   | $.43691+000$ | $.43034+000$ | $.42375+000$ |
| 2   | $.33258+000$   | $.33860+000$ | $.34427+000$ | $.34960+000$ |
| 3   | $.92383-001$   | $.97192-001$ | $.10201+000$ | $.10682+000$ |
| 4   | $.12373-001$   | $.13451-001$ | $.14572-001$ | $.15737-001$ |
| 5   | $.92796-003$   | $.10424-002$ | $.11658-002$ | $.12983-002$ |
| 6   | $.42961-004$   | $.49869-004$ | $.57570-004$ | $.66117-004$ |
| H   | $= .14094+001$ | $.14782+001$ | $.15492+001$ | $.16224+001$ |
|     |                |              |              | $.16980+001$ |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3      U3 = 0

THETA = .17500+002    .18000+002    .18500+002    .19000+002    .19500+002

| -I- |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
|     | P(I)         |            |            |            |            |
| 0   | .93848-001   | .89786-001 | .85951-001 | .82327-001 | .78900-001 |
| 1   | .41059+000   | .40404+000 | .39752+000 | .39105+000 | .38464+000 |
| 2   | .35926+000   | .36363+000 | .36771+000 | .37150+000 | .37502+000 |
| 3   | .11643+000   | .12121+000 | .12597+000 | .13071+000 | .13542+000 |
| 4   | .18192-001   | .19480-001 | .20808-001 | .22174-001 | .23578-001 |
| 5   | .15918-002   | .17532-002 | .19248-002 | .21066-002 | .22989-002 |
| 6   | .85976-004   | .97402-004 | .10990-003 | .12353-003 | .13836-003 |
| 7   |              |            |            |            | .55061-005 |
| H   | = .17759+001 | .18563+001 | .19391+001 | .20245+001 | .21124+001 |

THETA = .20000+002    .21000+002    .22000+002    .23000+002    .24000+002

| -I- |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
|     | P(I)         |            |            |            |            |
| 0   | .75656-001   | .69671-001 | .64284-001 | .59422-001 | .55022-001 |
| 1   | .37828+000   | .36577+000 | .35356+000 | .34168+000 | .33013+000 |
| 2   | .37828+000   | .38406+000 | .38892+000 | .39293+000 | .39616+000 |
| 3   | .14010+000   | .14936+000 | .15845+000 | .16736+000 | .17607+000 |
| 4   | .25018-001   | .28004-001 | .31124-001 | .34368-001 | .37730-001 |
| 5   | .25018-002   | .29405-002 | .34236-002 | .39523-002 | .45276-002 |
| 6   | .15444-003   | .19058-003 | .23247-003 | .28057-003 | .33537-003 |
| 7   | .63035-005   | .81679-005 | .10437-004 | .13170-004 | .16427-004 |
| H   | = .22030+001 | .23922+001 | .25927+001 | .28048+001 | .30291+001 |

THETA = .25000+002    .30000+002    .35000+002    .40000+002    .45000+002

| -I- |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
|     | P(I)         |            |            |            |            |
| 0   | .51031-001   | .35778-001 | .25843-001 | .19118-001 | .14424-001 |
| 1   | .31894+000   | .26834+000 | .22613+000 | .19118+000 | .16227+000 |
| 2   | .39868+000   | .40251+000 | .39573+000 | .38237+000 | .36511+000 |
| 3   | .18457+000   | .22361+000 | .25649+000 | .28323+000 | .30426+000 |
| 4   | .41200-001   | .59897-001 | .80153-001 | .10115+000 | .12225+000 |
| 5   | .51500-002   | .89845-002 | .14027-001 | .20231-001 | .27505-001 |
| 6   | .39737-003   | .83190-003 | .15152-002 | .24977-002 | .38202-002 |
| 7   | .20274-004   | .50932-004 | .10823-003 | .20389-003 | .35083-003 |
| 8   |              |            | .53808-005 | .11585-004 | .22425-004 |
| H   | = .32660+001 | .46583+001 | .64491+001 | .87177+001 | .11555+002 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSLE DISTRIBUTION

$U_2 = 3$      $U_3 = 0$

| THETA = .50000+002 |              | .55000+002 | .60000+002 | .65000+002 | .70000+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .11064-001   | .86074-002 | .67793-002 | .53974-002 | .43387-002 |
| 1                  | .13830+000   | .11835+000 | .10169+000 | .87708-001 | .75926-001 |
| 2                  | .34574+000   | .32547+000 | .30507+000 | .28505+000 | .26574+000 |
| 3                  | .32013+000   | .33150+000 | .33896+000 | .34312+000 | .34448+000 |
| 4                  | .14292+003   | .16279+000 | .18159+000 | .19913+000 | .21530+000 |
| 5                  | .35729-001   | .44767-001 | .54476-001 | .64718-001 | .75355-001 |
| 6                  | .55137-002   | .75993-002 | .10098-001 | .12983-001 | .16280-001 |
| 7                  | .56263-003   | .85298-003 | .12353-002 | .17223-002 | .23258-002 |
| 8                  | .39959-004   | .66639-004 | .10528-003 | .15902-003 | .23126-003 |
| 9                  |              |            | .64988-005 | .10634-004 | .16654-004 |
| H                  | = .15064+002 | .19363+002 | .24585+002 | .30879+002 | .38414+002 |
| THETA = .75000+002 |              | .80000+002 | .85000+002 | .90000+002 | .95000+002 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .35176-002   | .28741-002 | .23649-002 | .19584-002 | .16313-002 |
| 1                  | .65956-001   | .57483-001 | .50254-001 | .44064-001 | .38744-001 |
| 2                  | .24733+000   | .22993+000 | .21358+000 | .19829+000 | .18403+000 |
| 3                  | .34352+000   | .34064+000 | .33619+000 | .33048+000 | .32376+000 |
| 4                  | .23003+000   | .24331+000 | .25514+000 | .26556+000 | .27462+000 |
| 5                  | .86263-001   | .97325-001 | .10844+000 | .11950+000 | .13044+000 |
| 6                  | .19968-001   | .24031-001 | .28448-001 | .33195-001 | .38247-001 |
| 7                  | .30564-002   | .39234-002 | .49348-002 | .60971-002 | .74153-002 |
| 8                  | .32561-003   | .44584-003 | .59582-003 | .77946-003 | .10006-002 |
| 9                  | .25124-004   | .36695-004 | .52104-004 | .72172-004 | .97800-004 |
| 10                 |              |            |            | .49965-005 | .71469-005 |
| H                  | = .47380+002 | .57989+002 | .70476+002 | .85104+002 | .10217+003 |
| THETA = .10000+003 |              | P(I)       |            |            |            |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .13662-002   |            |            |            |            |
| 1                  | .34156-001   |            |            |            |            |
| 2                  | .17078+000   |            |            |            |            |
| 3                  | .31626+000   |            |            |            |            |
| 4                  | .28238+000   |            |            |            |            |
| 5                  | .14119+000   |            |            |            |            |
| 6                  | .43576-001   |            |            |            |            |
| 7                  | .88932-002   |            |            |            |            |
| 8                  | .12632-002   |            |            |            |            |
| 9                  | .12996-003   |            |            |            |            |
| 10                 | .99971-005   |            |            |            |            |
| H                  | = .12199+003 |            |            |            |            |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 3$      $U_3 = 1$

|                    |            |            |            |            |
|--------------------|------------|------------|------------|------------|
| THETA = .00000+000 | .10000-001 | .20000-001 | .30000-001 | .40000-001 |
| -I-                | -----      | P(I)-----  | -----      | -----      |
| 0                  | .10000+001 | .99875+000 | .99750+000 | .99626+000 |
| 1                  |            | .12484-002 | .24938-002 | .37360-002 |
| 2                  |            |            |            | .49751-002 |
| H =                | .16667+000 | .16688+000 | .16708+000 | .16729+000 |
|                    |            |            |            | .16750+000 |
| THETA = .50000-001 | .60000-001 | .70000-001 | .80000-001 | .90000-001 |
| -I-                | -----      | P(I)-----  | -----      | -----      |
| 0                  | .99378+000 | .99254+000 | .99131+000 | .99007+000 |
| 1                  | .62111-002 | .74441-002 | .86739-002 | .99007-002 |
| 2                  | .10352-004 | .14888-004 | .20239-004 | .26402-004 |
| H =                | .16771+000 | .16792+000 | .16813+000 | .16834+000 |
|                    |            |            |            | .16855+000 |
| THETA = .10000+000 | .11000+000 | .12000+000 | .13000+000 | .14000+000 |
| -I-                | -----      | P(I)-----  | -----      | -----      |
| 0                  | .99761+000 | .98639+000 | .98516+000 | .98394+000 |
| 1                  | .12345-001 | .13563-001 | .14777-001 | .15989-001 |
| 2                  | .41151-004 | .49730-004 | .59110-004 | .69286-004 |
| H =                | .16876+000 | .16897+000 | .16918+000 | .16939+000 |
|                    |            |            |            | .16960+000 |
| THETA = .15000+000 | .16000+000 | .17000+000 | .18000+000 | .19000+000 |
| -I-                | -----      | P(I)-----  | -----      | -----      |
| 0                  | .98150+000 | .98029+000 | .97908+000 | .97787+000 |
| 1                  | .18403-001 | .19606-001 | .20805-001 | .22002-001 |
| 2                  | .92016-004 | .10456-003 | .11790-003 | .13201-003 |
| H =                | .16981+000 | .17002+000 | .17023+000 | .17044+000 |
|                    |            |            |            | .17065+000 |
| THETA = .20000+000 | .21000+000 | .22000+000 | .23000+000 | .24000+000 |
| -I-                | -----      | P(I)-----  | -----      | -----      |
| 0                  | .97545+000 | .97425+000 | .97304+000 | .97184+000 |
| 1                  | .24386-001 | .25574-001 | .26759-001 | .27941-001 |
| 2                  | .16258-003 | .17902-003 | .19623-003 | .21421-003 |
| H =                | .17086+000 | .17107+000 | .17128+000 | .17150+000 |
|                    |            |            |            | .17171+000 |
| THETA = .25000+000 | .26000+000 | .27000+000 | .28000+000 | .29000+000 |
| -I-                | -----      | P(I)-----  | -----      | -----      |
| 0                  | .96945+000 | .96826+000 | .96707+000 | .96588+000 |
| 1                  | .30295-001 | .31468-001 | .32638-001 | .33806-001 |
| 2                  | .25246-003 | .27273-003 | .29375-003 | .31552-003 |
| H =                | .17192+000 | .17213+000 | .17234+000 | .17255+000 |
|                    |            |            |            | .17277+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 3 \quad U_3 = 1$

$\Theta = .30000+000 \quad .31000+000 \quad .32000+000 \quad .33000+000 \quad .34000+000$

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .96351+000   | .96232+000 | .96114+000 | .95996+000 | .95879+000 |
| 1   | .36131-001   | .37290-001 | .38446-001 | .39599-001 | .40748-001 |
| 2   | .36131-003   | .38533-003 | .41009-003 | .43558-003 | .46182-003 |
| H   | = .17298+000 | .17319+000 | .17340+000 | .17362+000 | .17383+000 |

$\Theta = .35000+000 \quad .36000+000 \quad .37000+000 \quad .38000+000 \quad .39000+000$

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .95761+000   | .95644+000 | .95527+000 | .95410+000 | .95294+000 |
| 1   | .41896-001   | .43040-001 | .44181-001 | .45320-001 | .46456-001 |
| 2   | .48878-003   | .51648-003 | .54490-003 | .57405-003 | .60392-003 |
| H   | = .17404+000 | .17426+000 | .17447+000 | .17468+000 | .17490+000 |

$\Theta = .40000+000 \quad .41000+000 \quad .42000+000 \quad .43000+000 \quad .44000+000$

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .95177+000   | .95061+000 | .94945+000 | .94829+000 | .94714+000 |
| 1   | .47589-001   | .48719-001 | .49846-001 | .50971-001 | .52093-001 |
| 2   | .63452-003   | .66582-003 | .69785-003 | .73058-003 | .76403-003 |
| H   | = .17511+000 | .17533+000 | .17554+000 | .17575+000 | .17597+000 |

$\Theta = .45000+000 \quad .46000+000 \quad .47000+000 \quad .48000+000 \quad .49000+000$

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .94599+000   | .94483+000 | .94368+000 | .94254+000 | .94139+000 |
| 1   | .53212-001   | .54328-001 | .55441-001 | .56552-001 | .57660-001 |
| 2   | .79817-003   | .83303-003 | .86858-003 | .90484-003 | .94178-003 |
| 3   | .49686-005   | .53221-005 | .56699-005 | .60322-005 | .64094-005 |
| H   | = .17618+000 | .17640+000 | .17661+000 | .17693+000 | .17704+000 |

$\Theta = .50000+000 \quad .60000+000 \quad .70000+000 \quad .80000+000 \quad .90000+000$

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .94025+000   | .92893+000 | .91780+000 | .90687+000 | .89612+000 |
| 1   | .58766-001   | .69669-001 | .80308-001 | .90687-001 | .10081+000 |
| 2   | .97943-003   | .13934-002 | .18738-002 | .24183-002 | .30244-002 |
| 3   | .64016-005   | .11612-004 | .18218-004 | .26870-004 | .37805-004 |
| H   | = .17726+000 | .17942+000 | .18159+000 | .18378+000 | .18599+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 3 \quad U_3 = 1$

THETA = .10000+001 .11000+001 .12000+001 .13000+001 .14000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .88556+000   | .87518+000 | .86498+000 | .85494+000 | .84507+000 |
| 1   | .11070+000   | .12034+000 | .12975+000 | .13893+000 | .14789+000 |
| 2   | .36898-002   | .44124-002 | .51899-002 | .60202-002 | .69014-002 |
| 3   | .51248-004   | .67411-004 | .86498-004 | .10870-003 | .13419-003 |
| H   | = .19820+000 | .19044+000 | .19268+000 | .19494+000 | .19722+000 |

THETA = .15000+001 .16000+001 .17000+001 .18000+001 .19000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .83537+000   | .82583+000 | .81644+000 | .80721+000 | .79812+000 |
| 1   | .15663+000   | .16517+000 | .17349+000 | .18162+000 | .18955+000 |
| 2   | .78316-002   | .88088-002 | .98313-002 | .10897-001 | .12005-001 |
| 3   | .16316-003   | .19575-003 | .23213-003 | .27243-003 | .31680-003 |
| H   | = .19951+000 | .20182+000 | .20414+000 | .20647+000 | .20882+000 |

THETA = .20000+001 .21000+001 .22000+001 .23000+001 .24000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .78918+000   | .78038+000 | .77173+000 | .76321+000 | .75482+000 |
| 1   | .19730+000   | .20485+000 | .21223+000 | .21942+000 | .22645+000 |
| 2   | .13153-001   | .14340-001 | .15563-001 | .16822-001 | .18116-001 |
| 3   | .36536-003   | .41824-003 | .47554-003 | .53738-003 | .60386-003 |
| 4   | .52195-005   | .62736-005 | .74728-005 | .88284-005 | .10352-004 |
| H   | = .21119+000 | .21357+000 | .21597+000 | .21838+000 | .22080+000 |

THETA = .25000+001 .26000+001 .27000+001 .28000+001 .29000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .74657+000   | .73844+000 | .73044+000 | .72256+000 | .71481+000 |
| 1   | .23330+000   | .23999+000 | .24652+000 | .25290+000 | .25912+000 |
| 2   | .19442-001   | .20799-001 | .22187-001 | .23604-001 | .25048-001 |
| 3   | .67507-003   | .75109-003 | .83202-003 | .91792-003 | .10089-002 |
| 4   | .12055-004   | .13949-004 | .16046-004 | .18358-004 | .20898-004 |
| H   | = .22324+000 | .22570+000 | .22817+000 | .23066+000 | .23316+000 |

THETA = .30000+001 .31000+001 .32000+001 .33000+001 .34000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .70717+000   | .69964+000 | .69223+000 | .68493+000 | .67774+000 |
| 1   | .26519+000   | .27111+000 | .27689+000 | .28253+000 | .28804+000 |
| 2   | .26519-001   | .28015-001 | .29535-001 | .31079-001 | .32544-001 |
| 3   | .11049-002   | .12062-002 | .13127-002 | .14244-002 | .15415-002 |
| 4   | .23677-004   | .26709-004 | .30004-004 | .33576-004 | .37437-004 |
| H   | = .23568+000 | .23822+000 | .24077+000 | .24333+000 | .24592+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 3$        $U_3 = 1$

| THETA = .35000+001 |              | .36000+001 | .37000+001 | .38000+001 | .39000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .67065+000   | .66367+000 | .65679+000 | .65001+000 | .64333+000 |
| 1                  | .29341+000   | .29865+000 | .30377+000 | .30876+000 | .31362+000 |
| 2                  | .34231-001   | .35838-001 | .37465-001 | .39109-001 | .40771-001 |
| 3                  | .16640-002   | .17919-002 | .19253-002 | .20641-002 | .22084-002 |
| 4                  | .41600-004   | .46078-004 | .50882-004 | .56025-004 | .61521-004 |
| H                  | = .24851+000 | .25113+000 | .25376+000 | .25640+000 | .25907+000 |
| THETA = .40000+001 |              | .41000+001 | .42000+001 | .43000+001 | .44000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .63675+000   | .63026+000 | .62386+000 | .61756+000 | .61134+000 |
| 1                  | .31837+000   | .32301+000 | .32753+000 | .33194+000 | .33624+000 |
| 2                  | .42450-001   | .44144-001 | .45854-001 | .47578-001 | .49315-001 |
| 3                  | .23583-002   | .25138-002 | .26748-002 | .28414-002 | .30137-002 |
| 4                  | .67381-004   | .73618-004 | .80244-004 | .87273-004 | .94715-004 |
| H                  | = .26175+000 | .26444+000 | .26715+000 | .26988+000 | .27263+000 |
| THETA = .45000+001 |              | .46000+001 | .47000+001 | .48000+001 | .49000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .60521+000   | .59917+000 | .59321+000 | .58733+000 | .58153+000 |
| 1                  | .34043+000   | .34452+000 | .34851+000 | .35240+000 | .35619+000 |
| 2                  | .51065-001   | .52826-001 | .54600-001 | .56384-001 | .58178-001 |
| 3                  | .31915-002   | .33750-002 | .35641-002 | .37589-002 | .39593-002 |
| 4                  | .10258-003   | .11089-003 | .11965-003 | .12888-003 | .13858-003 |
| H                  | = .27539+000 | .27816+000 | .28096+000 | .28377+000 | .28660+000 |
| THETA = .50000+001 |              | .52000+001 | .54000+001 | .56000+001 | .58000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .57582+003   | .56462+000 | .55372+000 | .54311+000 | .53278+000 |
| 1                  | .35989+000   | .36700+000 | .37376+000 | .38018+000 | .38627+000 |
| 2                  | .59981-001   | .63613-001 | .67277-001 | .70966-001 | .74678-001 |
| 3                  | .41653-002   | .45943-002 | .50458-002 | .55196-002 | .60158-002 |
| 4                  | .14876-003   | .17065-003 | .19462-003 | .22078-003 | .24922-003 |
| 5                  |              |            |            | .51516-005 | .60229-005 |
| H                  | = .28944+000 | .29519+000 | .30100+000 | .30687+000 | .31282+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 3$      $U_3 = 1$

$\Theta = .60000+001$      $.62000+001$      $.64000+001$      $.66000+001$      $.68000+001$

| $P(I)$ |                |              |              |              |              |
|--------|----------------|--------------|--------------|--------------|--------------|
| 0      | $.52273+000$   | $.51293+000$ | $.50339+000$ | $.49408+000$ | $.48502+000$ |
| 1      | $.39204+000$   | $.39752+000$ | $.40271+000$ | $.40762+000$ | $.41227+000$ |
| 2      | $.78409-001$   | $.82154-001$ | $.85911-001$ | $.89676-001$ | $.93447-001$ |
| 3      | $.65341-002$   | $.70744-002$ | $.76365-002$ | $.82203-002$ | $.88256-002$ |
| 4      | $.29003-003$   | $.31329-003$ | $.34910-003$ | $.38753-003$ | $.42867-003$ |
| 5      | $.70008-005$   | $.80934-005$ | $.93093-005$ | $.10657-004$ | $.12146-004$ |
| H      | $= .31884+000$ | $.32493+000$ | $.33109+000$ | $.33732+000$ | $.34363+000$ |

$\Theta = .70000+001$      $.72000+001$      $.74000+001$      $.76000+001$      $.78000+001$

| $P(I)$ |                |              |              |              |              |
|--------|----------------|--------------|--------------|--------------|--------------|
| 0      | $.47618+000$   | $.46756+000$ | $.45916+000$ | $.45096+000$ | $.44296+000$ |
| 1      | $.41666+000$   | $.42081+000$ | $.42472+000$ | $.42841+000$ | $.43189+000$ |
| 2      | $.97220-001$   | $.10099+000$ | $.10476+000$ | $.10853+000$ | $.11229+000$ |
| 3      | $.94520-002$   | $.10099-001$ | $.10767-001$ | $.11456-001$ | $.12165-001$ |
| 4      | $.47260-003$   | $.51940-003$ | $.56914-003$ | $.62190-003$ | $.67775-003$ |
| 5      | $.13784-004$   | $.15582-004$ | $.17548-004$ | $.19693-004$ | $.22027-004$ |
| H      | $= .35001+000$ | $.35646+000$ | $.36298+000$ | $.36958+000$ | $.37626+000$ |

$\Theta = .80000+001$      $.82000+001$      $.84000+001$      $.86000+001$      $.88000+001$

| $P(I)$ |                |              |              |              |              |
|--------|----------------|--------------|--------------|--------------|--------------|
| 0      | $.43515+000$   | $.42753+000$ | $.42009+000$ | $.41283+000$ | $.40573+000$ |
| 1      | $.43515+000$   | $.43822+000$ | $.44110+000$ | $.44379+000$ | $.44631+000$ |
| 2      | $.11604+000$   | $.11978+000$ | $.12351+000$ | $.12722+000$ | $.13092+000$ |
| 3      | $.12893-001$   | $.13642-001$ | $.14409-001$ | $.15196-001$ | $.16001-001$ |
| 4      | $.73677-003$   | $.79901-003$ | $.86455-003$ | $.93345-003$ | $.10058-002$ |
| 5      | $.24559-004$   | $.27299-004$ | $.30259-004$ | $.33449-004$ | $.36878-004$ |
| H      | $= .38301+000$ | $.38983+000$ | $.39674+000$ | $.40372+000$ | $.41078+000$ |

$\Theta = .90000+001$      $.92000+001$      $.94000+001$      $.96000+001$      $.98000+001$

| $P(I)$ |                |              |              |              |              |
|--------|----------------|--------------|--------------|--------------|--------------|
| 0      | $.39880+000$   | $.39203+000$ | $.38542+000$ | $.37895+000$ | $.37263+000$ |
| 1      | $.44865+000$   | $.45084+000$ | $.45287+000$ | $.45474+000$ | $.45648+000$ |
| 2      | $.13460+000$   | $.13826+000$ | $.14190+000$ | $.14552+000$ | $.14912+000$ |
| 3      | $.16825-001$   | $.17666-001$ | $.18526-001$ | $.19402-001$ | $.20296-001$ |
| 4      | $.10816-002$   | $.11609-002$ | $.12439-002$ | $.13304-002$ | $.14207-002$ |
| 5      | $.40559-004$   | $.44502-004$ | $.48718-004$ | $.53218-004$ | $.58013-004$ |
| H      | $= .41792+000$ | $.42513+000$ | $.43243+000$ | $.43981+000$ | $.44727+000$ |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSLE DISTRIBUTION

$U_2 = 3 \quad U_3 = 1$

$\Theta = .10000+002 \quad .10200+002 \quad .10400+002 \quad .10600+002 \quad .10800+002$

| $-I - P(I) -$ |              |            |            |            |            |
|---------------|--------------|------------|------------|------------|------------|
| 0             | .36646+000   | .36041+000 | .35451+000 | .34873+000 | .34308+000 |
| 1             | .45807+000   | .45953+000 | .46086+000 | .46207+000 | .46316+000 |
| 2             | .15269+000   | .15624+000 | .15976+000 | .16326+000 | .16674+000 |
| 3             | .21207-001   | .22134-001 | .23077-001 | .24036-001 | .25010-001 |
| 4             | .15148-002   | .16126-002 | .17143-002 | .18199-002 | .19294-002 |
| 5             | .63116-004   | .68536-004 | .74286-004 | .80378-004 | .86822-004 |
| H             | = .45481+000 | .46243+000 | .47014+000 | .47792+000 | .48580+000 |

$\Theta = .11000+002 \quad .11200+002 \quad .11400+002 \quad .11600+002 \quad .11800+002$

| $-I - P(I) -$ |              |            |            |            |            |
|---------------|--------------|------------|------------|------------|------------|
| 0             | .33755+000   | .33214+000 | .32684+000 | .32165+000 | .31659+000 |
| 1             | .46413+000   | .46499+000 | .46575+000 | .46641+000 | .46697+000 |
| 2             | .17018+000   | .17360+000 | .17699+000 | .18035+000 | .18367+000 |
| 3             | .26000-001   | .27004-001 | .28023-001 | .29056-001 | .30102-001 |
| 4             | .20428-002   | .21603-002 | .22819-002 | .24075-002 | .25372-002 |
| 5             | .93631-004   | .10082-003 | .10839-003 | .11636-003 | .12474-003 |
| H             | = .49375+000 | .50180+000 | .50993+000 | .51814+000 | .52645+000 |

$\Theta = .12000+002 \quad .12200+002 \quad .12400+002 \quad .12600+002 \quad .12800+002$

| $-I - P(I) -$ |              |            |            |            |            |
|---------------|--------------|------------|------------|------------|------------|
| 0             | .31162+000   | .30676+000 | .30200+000 | .29733+000 | .29276+000 |
| 1             | .46743+000   | .46781+000 | .46809+000 | .46830+000 | .46842+000 |
| 2             | .18697+000   | .19024+000 | .19348+000 | .19668+000 | .19986+000 |
| 3             | .31162-001   | .32235-001 | .33321-001 | .34420-001 | .35531-001 |
| 4             | .26710-002   | .28091-002 | .29513-002 | .30978-002 | .32485-002 |
| 5             | .13355-003   | .14280-003 | .15248-003 | .16263-003 | .17325-003 |
| 6             |              |            | .50022-005 | .54211-005 | .58668-005 |
| H             | = .53484+000 | .54331+000 | .55188+000 | .56054+000 | .56929+000 |

$\Theta = .13000+002 \quad .13200+002 \quad .13400+002 \quad .13600+002 \quad .13800+002$

| $-I - P(I) -$ |              |            |            |            |            |
|---------------|--------------|------------|------------|------------|------------|
| 0             | .29829+000   | .28390+000 | .27960+000 | .27539+000 | .27126+000 |
| 1             | .46846+003   | .46844+000 | .46833+000 | .46816+000 | .46793+000 |
| 2             | .20300+000   | .20611+000 | .20919+000 | .21223+000 | .21525+000 |
| 3             | .36653-001   | .37787-001 | .38932-001 | .40089-001 | .41256-001 |
| 4             | .34035-002   | .35628-002 | .37264-002 | .38943-002 | .40666-002 |
| 5             | .18436-003   | .19595-003 | .20806-003 | .22068-003 | .23383-003 |
| 6             | .63403-005   | .69428-005 | .73756-005 | .79398-005 | .95367-005 |
| H             | = .57813+000 | .58706+000 | .59608+000 | .60520+000 | .61441+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 3 \quad U_3 = 1$

$\Theta = .14000+002 \quad .14200+002 \quad .14400+002 \quad .14600+002 \quad .14800+002$

|     |   | $P(I)$     |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .26722+000 | .26325+000 | .25936+000 | .25554+000 | .25180+000 |
| 0   |   | .46763+000 | .46726+000 | .46684+000 | .46637+000 | .46583+000 |
| 1   |   | .21823+000 | .22117+000 | .22408+000 | .22696+000 | .22981+000 |
| 2   |   | .42433-001 | .43620-001 | .44817-001 | .46023-001 | .47239-001 |
| 3   |   | .42433-002 | .44243-002 | .46097-002 | .47996-002 | .49938-002 |
| 4   |   | .24752-003 | .26177-003 | .27658-003 | .29197-003 | .30795-003 |
| 5   |   | .91676-005 | .98338-005 | .10537-004 | .11277-004 | .12057-004 |
| H   | = | .62372+000 | .63312+000 | .64261+000 | .65221+000 | .66190+000 |

$\Theta = .15000+002 \quad .15500+002 \quad .16000+002 \quad .16500+002 \quad .17000+002$

|     |   | $P(I)$     |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .24813+000 | .23926+000 | .23080+000 | .22273+000 | .21503+000 |
| 0   |   | .46525+000 | .46357+000 | .46161+000 | .45939+000 | .45693+000 |
| 1   |   | .23262+000 | .23951+000 | .24619+000 | .25266+000 | .25893+000 |
| 2   |   | .48463-001 | .51562-001 | .54709-001 | .57902-001 | .61136-001 |
| 3   |   | .51925-002 | .57086-002 | .62525-002 | .68242-002 | .74237-002 |
| 4   |   | .32453-003 | .36868-003 | .41683-003 | .46916-003 | .52584-003 |
| 5   |   | .12878-004 | .15118-004 | .17644-004 | .20479-004 | .23649-004 |
| H   | = | .67168+000 | .69658+000 | .72211+000 | .74828+000 | .77509+000 |

$\Theta = .17500+002 \quad .18000+002 \quad .18500+002 \quad .19000+002 \quad .19500+002$

|     |   | $P(I)$     |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .20767+000 | .20063+000 | .19390+000 | .18746+000 | .18130+000 |
| 0   |   | .45427+000 | .45142+000 | .44839+000 | .44522+000 | .44191+000 |
| 1   |   | .26499+000 | .27085+000 | .27651+000 | .28197+000 | .28724+000 |
| 2   |   | .64407-001 | .67713-001 | .71048-001 | .74409-001 | .77794-001 |
| 3   |   | .80509-002 | .87059-002 | .93884-002 | .10098-001 | .10836-001 |
| 4   |   | .58705-003 | .65294-003 | .72369-003 | .79946-003 | .88039-003 |
| 5   |   | .27178-004 | .31092-004 | .35419-004 | .40184-004 | .45417-004 |
| H   | = | .80257+000 | .83072+000 | .85955+000 | .88908+000 | .91931+000 |

$\Theta = .20000+002 \quad .21000+002 \quad .22000+002 \quad .23000+002 \quad .24000+002$

|     |   | $P(I)$     |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .17539+000 | .16430+000 | .15410+000 | .14470+000 | .13602+000 |
| 0   |   | .43847+000 | .43130+000 | .42379+000 | .41602+000 | .40807+000 |
| 1   |   | .29232+000 | .30191+000 | .31078+000 | .31895+000 | .32645+000 |
| 2   |   | .81199-001 | .88057-001 | .94960-001 | .10189+000 | .10882+000 |
| 3   |   | .11600-001 | .13209-001 | .14922-001 | .16738-001 | .18654-001 |
| 4   |   | .96666-003 | .11557-002 | .13679-002 | .16041-002 | .18654-002 |
| 5   |   | .51146-004 | .64208-004 | .79611-004 | .97604-004 | .11844-003 |
| 6   |   |            |            |            |            | .50760-005 |
| 7   |   |            |            |            |            |            |
| H   | = | .95026+000 | .10144+001 | .10815+001 | .11518+001 | .12253+001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3      U3 = 1

| THETA = .25000+002 |              | .30000+002 | .35000+002 | .40000+002 | .45000+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .12799+000   | .95761-001 | .73099-001 | .56738-001 | .44663-001 |
| 1                  | .39998+000   | .35910+000 | .31981+000 | .28369+000 | .25123+000 |
| 2                  | .33332+000   | .35910+000 | .37311+000 | .37825+000 | .37684+000 |
| 3                  | .11574+000   | .14963+000 | .18137+000 | .21014+000 | .23553+000 |
| 4                  | .20667-001   | .32063-001 | .45343-001 | .60040-001 | .75705-001 |
| 5                  | .21528-002   | .40078-002 | .66126-002 | .10007-001 | .14195-001 |
| 6                  | .14238-003   | .31808-003 | .61227-003 | .10589-002 | .16899-002 |
| 7                  | .63564-005   | .17040-004 | .38267-004 | .75636-004 | .13579-003 |
| 8                  |              |            |            |            | .77154-005 |
| H                  | = .13021+001 | .17404+001 | .22800+001 | .29375+001 | .37316+001 |

| THETA = .50000+002 |              | .55000+002 | .60000+002 | .65000+002 | .70000+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .35587-001   | .28657-001 | .23282-001 | .19089-001 | .15762-001 |
| 1                  | .22242+000   | .19701+000 | .17469+000 | .15510+000 | .13791+000 |
| 2                  | .37070+000   | .36119+000 | .34938+000 | .33605+000 | .32180+000 |
| 3                  | .25743+000   | .27591+000 | .29115+000 | .30338+000 | .31286+000 |
| 4                  | .91939-001   | .10839+000 | .12478+000 | .14085+000 | .15643+000 |
| 5                  | .19154-001   | .24840-001 | .31194-001 | .38148-001 | .45626-001 |
| 6                  | .25336-002   | .36143-002 | .49515-002 | .65598-002 | .84492-002 |
| 7                  | .22621-003   | .35498-003 | .53052-003 | .76141-003 | .10561-002 |
| 8                  | .14281-004   | .24651-004 | .40191-004 | .62489-004 | .93347-004 |
| 9                  |              |            |            |            | .60502-005 |
| H                  | = .46834+001 | .58160+001 | .71556+001 | .87310+001 | .10574+002 |

| THETA = .75000+002 |              | .80000+002 | .85000+002 | .90000+002 | .95000+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .13102-001   | .10958-001 | .92167-002 | .77920-002 | .66189-002 |
| 1                  | .12283+000   | .10958+000 | .97928-001 | .87660-001 | .78599-001 |
| 2                  | .30708+000   | .29222+000 | .27746+000 | .26298+000 | .24890+000 |
| 3                  | .31988+000   | .32469+000 | .32756+000 | .32872+000 | .32841+000 |
| 4                  | .17136+000   | .18554+000 | .19888+000 | .21132+000 | .22285+000 |
| 5                  | .53551-001   | .61846-001 | .70435-001 | .79246-001 | .88210-001 |
| 6                  | .10525-001   | .13089-001 | .15839-001 | .18868-001 | .22169-001 |
| 7                  | .14230-002   | .18699-002 | .24041-002 | .30324-002 | .37608-002 |
| 8                  | .13476-003   | .18888-003 | .25801-003 | .34459-003 | .45111-003 |
| 9                  | .93580-005   | .13991-004 | .20307-004 | .28716-004 | .39681-004 |
| H                  | = .12721+002 | .15209+002 | .18083+002 | .21390+002 | .25181+002 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3      U3 = 1

THETA= .10000+003

| -I- | P(I)         |  |  |  |  |
|-----|--------------|--|--|--|--|
| 0   | .56472-002   |  |  |  |  |
| 1   | .70590-001   |  |  |  |  |
| 2   | .23530+000   |  |  |  |  |
| 3   | .32680+000   |  |  |  |  |
| 4   | .23343+000   |  |  |  |  |
| 5   | .97263-001   |  |  |  |  |
| 6   | .25731-001   |  |  |  |  |
| 7   | .45948-002   |  |  |  |  |
| 8   | .58015-003   |  |  |  |  |
| 9   | .53718-004   |  |  |  |  |
| H   | = .29513+002 |  |  |  |  |

U2 = 3      U3 = 2

THETA= .00000+000    .10000-001    .20000-001    .30000-001    .40000-001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .10000+001   | .99917+000 | .99834+000 | .99750+000 | .99667+000 |
| 1   |              | .83264-003 | .16639-002 | .24938-002 | .33222-002 |
| H   | = .83333-001 | .83403-001 | .83472-001 | .83542-001 | .83611-001 |

THETA= .50000-001    .60000-001    .70000-001    .80000-001    .90000-001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .99585+000   | .99502+000 | .99419+000 | .99336+000 | .99254+000 |
| 1   | .41494-002   | .49751-002 | .57994-002 | .66224-002 | .74440-002 |
| 2   | .51867-005   | .74626-005 | .10149-004 | .13245-004 | .16749-004 |
| H   | = .87681-001 | .83751-001 | .83820-001 | .83890-001 | .83960-001 |

THETA= .10000+000    .11000+000    .12000+000    .13000+000    .14000+000

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .99172+000   | .99089+000 | .99007+000 | .98925+000 | .98843+000 |
| 1   | .82643-002   | .90832-002 | .99007-002 | .10717-001 | .11532-001 |
| 2   | .20661-004   | .24979-004 | .29702-004 | .34830-004 | .40361-004 |
| H   | = .84030-001 | .84099-001 | .84169-001 | .84239-001 | .84309-001 |

THETA= .15000+000    .16000+000    .17000+000    .18000+000    .19000+000

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .98761+000   | .98679+000 | .98597+000 | .98516+000 | .98434+000 |
| 1   | .12345-001   | .13157-001 | .13968-001 | .14777-001 | .15585-001 |
| 2   | .46294-004   | .52629-004 | .59364-004 | .66498-004 | .74031-004 |
| H   | = .84379-001 | .84449-001 | .84519-001 | .84589-001 | .84659-001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3      U3 = 2

| THETA = .20000+000 |            | .21000+000 | .22000+000 | .23000+000 | .24000+000 |
|--------------------|------------|------------|------------|------------|------------|
| -I-                |            |            | P(I)       |            |            |
| 0                  | .98353+000 | .98271+000 | .98190+000 | .98109+000 | .98028+000 |
| 1                  | .16392-001 | .17197-001 | .18001-001 | .18804-001 | .19606-001 |
| 2                  | .81960-004 | .90287-004 | .99008-004 | .10812-003 | .11763-003 |
| H =                | .84729-001 | .84799-001 | .84870-001 | .84940-001 | .85010-001 |
| THETA = .25000+000 |            | .26000+000 | .27000+000 | .28000+000 | .29000+000 |
| -I-                |            |            | P(I)       |            |            |
| 0                  | .97947+000 | .97866+000 | .97785+000 | .97704+000 | .97624+000 |
| 1                  | .20406-001 | .21204-001 | .22002-001 | .22798-001 | .23592-001 |
| 2                  | .12753-003 | .13783-003 | .14851-003 | .15958-003 | .17104-003 |
| H =                | .85083-001 | .85151-001 | .85221-001 | .85291-001 | .85362-001 |
| THETA = .30000+000 |            | .31000+000 | .32000+000 | .33000+000 | .34000+000 |
| -I-                |            |            | P(I)       |            |            |
| 0                  | .97543+000 | .97463+000 | .97382+000 | .97302+000 | .97222+000 |
| 1                  | .24386-001 | .25178-001 | .25969-001 | .26758-001 | .27546-001 |
| 2                  | .18289-003 | .19513-003 | .20775-003 | .22075-003 | .23414-003 |
| H =                | .85432-001 | .85503-001 | .85573-001 | .85644-001 | .85715-001 |
| THETA = .35000+000 |            | .36000+000 | .37000+000 | .38000+000 | .39000+000 |
| -I-                |            |            | P(I)       |            |            |
| 0                  | .97142+000 | .97062+000 | .96982+000 | .96902+000 | .96822+000 |
| 1                  | .28333-001 | .29119-001 | .29903-001 | .30686-001 | .31467-001 |
| 2                  | .24791-003 | .26207-003 | .27660-003 | .29151-003 | .30681-003 |
| H =                | .85785-001 | .85856-001 | .85927-001 | .85997-001 | .86068-001 |
| THETA = .40000+000 |            | .41000+000 | .42000+000 | .43000+000 | .44000+000 |
| -I-                |            |            | P(I)       |            |            |
| 0                  | .96743+000 | .96663+000 | .96584+000 | .96505+000 | .96425+000 |
| 1                  | .32248-001 | .33027-001 | .33804-001 | .34581-001 | .35356-001 |
| 2                  | .32248-003 | .33852-003 | .35495-003 | .37174-003 | .38892-003 |
| H =                | .86139-001 | .86210-001 | .86281-001 | .86352-001 | .86423-001 |
| THETA = .45000+000 |            | .46000+000 | .47000+000 | .48000+000 | .49000+000 |
| -I-                |            |            | P(I)       |            |            |
| 0                  | .96346+000 | .96267+000 | .96188+000 | .96109+000 | .96030+000 |
| 1                  | .36130-001 | .36902-001 | .37674-001 | .38444-001 | .39212-001 |
| 2                  | .40646-003 | .42438-003 | .44267-003 | .46132-003 | .48035-003 |
| H =                | .86494-001 | .86565-001 | .86636-001 | .86707-001 | .86778-001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 3 \quad U_3 = 2$

| THETA = .50000+000 |              | .60000+000 | .70000+000 | .80000+000 | .90000+000 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .95952+000   | .95170+000 | .94396+000 | .93632+000 | .92876+000 |
| 1                  | .39980-001   | .47585-001 | .55065-001 | .62421-001 | .69657-001 |
| 2                  | .49975-003   | .71377-003 | .96363-003 | .12494-002 | .15673-002 |
| 3                  |              |            | .74949-005 | .11097-004 | .15673-004 |
| H                  | = .86849-001 | .87563-001 | .88280-001 | .89001-001 | .89725-001 |
| THETA = .10000+001 |              | .11000+001 | .12000+001 | .13000+001 | .14000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .92129+000   | .91389+000 | .90659+000 | .89936+000 | .89221+000 |
| 1                  | .76774-001   | .83774-001 | .90659-001 | .97430-001 | .10409+000 |
| 2                  | .19193-002   | .23038-002 | .27198-002 | .31665-002 | .36432-002 |
| 3                  | .21326-004   | .28157-004 | .36263-004 | .45738-004 | .56672-004 |
| H                  | = .90453-001 | .91185-001 | .91920-001 | .92659-001 | .93401-001 |
| THETA = .15000+001 |              | .16000+001 | .17000+001 | .18000+001 | .19000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .88514+000   | .87815+000 | .87123+000 | .86439+000 | .85762+000 |
| 1                  | .11064+000   | .11709+000 | .12342+000 | .12966+000 | .13579+000 |
| 2                  | .41491-002   | .46834-002 | .52455-002 | .58346-002 | .64500-002 |
| 3                  | .69151-004   | .83261-004 | .99082-004 | .11669-003 | .13617-003 |
| H                  | = .94147-001 | .94897-001 | .95650-001 | .96407-001 | .97168-001 |
| THETA = .20000+001 |              | .21000+001 | .22000+001 | .23000+001 | .24000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .85093+000   | .84431+000 | .83776+000 | .83127+000 | .82486+000 |
| 1                  | .14182+000   | .14775+000 | .15359+000 | .15933+000 | .16497+000 |
| 2                  | .70911-002   | .77571-002 | .84474-002 | .91613-002 | .98983-002 |
| 3                  | .15798-003   | .18100-003 | .20649-003 | .23412-003 | .26396-003 |
| H                  | = .97932-001 | .98700-001 | .99472-001 | .10025+000 | .10103+000 |
| THETA = .25000+001 |              | .26000+001 | .27000+001 | .28000+001 | .29000+001 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .81852+000   | .81224+000 | .80603+000 | .79988+000 | .79380+000 |
| 1                  | .17052+000   | .17599+000 | .18136+000 | .18664+000 | .19184+000 |
| 2                  | .10658-001   | .11439-001 | .12242-001 | .13065-001 | .13908-001 |
| 3                  | .29605-003   | .33046-003 | .36725-003 | .40646-003 | .44815-003 |
| 4                  |              | .51143-005 | .59022-005 | .67743-005 | .77359-005 |
| H                  | = .10181+000 | .10260+000 | .10339+000 | .10418+000 | .10498+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 2

THETA = .30000+001 .31000+001 .32000+001 .33000+001 .34000+001

|     |   | P(I)       |            |            |
|-----|---|------------|------------|------------|
| -I- |   | .79778+000 | .78183+000 | .77593+000 |
| 0   |   | .77010+000 | .76432+000 |            |
| 1   |   | .20197+000 | .20692+000 | .21178+000 |
| 2   |   | .15653-001 | .16553-001 | .17472-001 |
| 3   |   | .53915-003 | .58856-003 | .64063-003 |
| 4   |   | .99486-005 | .11211-004 | .12584-004 |
| H   | = | .10578+000 | .10659+000 | .10740+000 |
|     |   |            |            | .10821+000 |
|     |   |            |            | .10903+000 |

THETA = .35000+001 .36000+001 .37000+001 .38000+001 .39000+001

|     |   | P(I)       |            |            |
|-----|---|------------|------------|------------|
| -I- |   | .75861+000 | .75295+000 | .74735+000 |
| 0   |   | .74181+000 | .73633+000 |            |
| 1   |   | .22126+000 | .22589+000 | .23043+000 |
| 2   |   | .19360-001 | .20330-001 | .21315-001 |
| 3   |   | .75290-003 | .81319-003 | .87629-003 |
| 4   |   | .15685-004 | .17425-004 | .19299-004 |
| H   | = | .10985+000 | .11068+000 | .11150+000 |
|     |   |            |            | .11234+000 |
|     |   |            |            | .11317+000 |

THETA = .40000+001 .41000+001 .42000+001 .43000+001 .44000+001

|     |   | P(I)       |            |            |
|-----|---|------------|------------|------------|
| -I- |   | .73090+000 | .72552+000 | .72020+000 |
| 0   |   | .71493+000 | .70971+000 |            |
| 1   |   | .24363+000 | .24789+000 | .25207+000 |
| 2   |   | .24363-001 | .25408-001 | .26467-001 |
| 3   |   | .10828-002 | .11575-002 | .12351-002 |
| 4   |   | .25781-004 | .28248-004 | .30878-004 |
| H   | = | .11402+000 | .11486+000 | .11571+000 |
|     |   |            |            | .11656+000 |
|     |   |            |            | .11742+000 |

THETA = .45000+001 .46000+001 .47000+001 .48000+001 .49000+001

|     |   | P(I)       |            |            |
|-----|---|------------|------------|------------|
| -I- |   | .70455+000 | .69943+000 | .69437+000 |
| 0   |   | .68935+000 | .68439+000 |            |
| 1   |   | .26420+000 | .26812+000 | .27196+000 |
| 2   |   | .29723-001 | .30833-001 | .31955-001 |
| 3   |   | .14862-002 | .15759-002 | .16688-002 |
| 4   |   | .39808-004 | .43150-004 | .46686-004 |
| H   | = | .11828+000 | .11914+000 | .12001+000 |
|     |   |            |            | .12089+000 |
|     |   |            |            | .12176+000 |

THETA = .50000+001 .52000+001 .54000+001 .56000+001 .58000+001

|     |   | P(I)       |            |            |
|-----|---|------------|------------|------------|
| -I- |   | .67947+000 | .66978+000 | .66028+000 |
| 0   |   | .65096+000 | .64181+000 |            |
| 1   |   | .28311+000 | .29024+000 | .29712+000 |
| 2   |   | .35389-001 | .37731-001 | .40112-001 |
| 3   |   | .19661-002 | .21800-002 | .24067-002 |
| 4   |   | .58514-004 | .67477-004 | .77359-004 |
| H   | = | .12264+000 | .12442+000 | .12621+000 |
|     |   |            |            | .12802+000 |
|     |   |            |            | .12984+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 2

THETA= .60000+001 .62000+001 .64000+001 .66000+001 .68000+001

| -I- |              | P(I)       |            |            |
|-----|--------------|------------|------------|------------|
| 0   | .63284+000   | .62403+000 | .61540+000 | .60692+000 |
| 1   | .31642+000   | .32242+000 | .32821+000 | .33380+000 |
| 2   | .47463-001   | .49975-001 | .52514-001 | .55078-001 |
| 3   | .31642-002   | .34427-002 | .37343-002 | .40390-002 |
| 4   | .11301-003   | .12705-003 | .14226-003 | .15868-003 |
| H   | = .13168+000 | .13354+000 | .13541+000 | .13731+000 |
|     |              |            |            | .13922+000 |

THETA= .70000+001 .72000+001 .74000+001 .76000+001 .78000+001

| -I- |              | P(I)       |            |            |
|-----|--------------|------------|------------|------------|
| 0   | .59042+000   | .58240+000 | .57453+000 | .56680+000 |
| 1   | .34441+000   | .34944+000 | .35429+000 | .35897+000 |
| 2   | .60273-001   | .62900-001 | .65544-001 | .68205-001 |
| 3   | .46879-002   | .50320-002 | .53892-002 | .57595-002 |
| 4   | .19533-003   | .21566-003 | .23738-003 | .26055-003 |
| 5   | .55454-005   | .62736-005 | .70720-005 | .79450-005 |
| H   | = .14114+000 | .14308+000 | .14505+000 | .14703+000 |
|     |              |            |            | .14902+000 |

THETA= .80000+001 .82000+001 .84000+001 .86000+001 .88000+001

| -I- |              | P(I)       |            |            |
|-----|--------------|------------|------------|------------|
| 0   | .55174+000   | .54442+000 | .53722+000 | .53015+000 |
| 1   | .36783+000   | .37202+000 | .37606+000 | .37994+000 |
| 2   | .73566-001   | .76264-001 | .78972-001 | .81688-001 |
| 3   | .65392-002   | .69485-002 | .73707-002 | .78057-002 |
| 4   | .31139-003   | .33915-003 | .36853-003 | .39958-003 |
| 5   | .88969-005   | .99323-005 | .11056-004 | .12273-004 |
| H   | = .15104+000 | .15307+000 | .15512+000 | .15719+000 |
|     |              |            |            | .15927+000 |

THETA= .90000+001 .92000+001 .94000+001 .96000+001 .98000+001

| -I- |              | P(I)       |            |            |
|-----|--------------|------------|------------|------------|
| 0   | .51638+000   | .50967+000 | .50308+000 | .49660+000 |
| 1   | .38728+000   | .39075+000 | .39408+000 | .39728+000 |
| 2   | .87139-001   | .89872-001 | .92609-001 | .95347-001 |
| 3   | .87139-002   | .91869-002 | .96725-002 | .10170-001 |
| 4   | .46682-003   | .50309-003 | .54120-003 | .58116-003 |
| 5   | .15005-004   | .16530-004 | .18169-004 | .19926-004 |
| H   | = .16138+000 | .16350+000 | .16565+000 | .16781+000 |
|     |              |            |            | .16999+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 3 \quad U_3 = 2$

$\Theta = .10000+002 \quad .10200+002 \quad .10400+002 \quad .10600+002 \quad .10800+002$

|     |   | $P(I)$     |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .48397+000 | .47781+000 | .47176+000 | .46591+000 | .45996+000 |
| 0   |   | .40331+000 | .40614+000 | .40886+000 | .41147+000 | .41396+000 |
| 1   |   | .10083+000 | .10357+000 | .10630+000 | .10904+000 | .11177+000 |
| 2   |   | .11203-001 | .11738-001 | .12284-001 | .12842-001 | .13412-001 |
| 3   |   | .66685-003 | .71263-003 | .76044-003 | .81029-003 | .86223-003 |
| 4   |   | .23816-004 | .25960-004 | .28245-004 | .30675-004 | .33257-004 |
| H   | = | .17219+000 | .17441+000 | .17664+000 | .17890+000 | .18118+000 |

$\Theta = .11000+002 \quad .11200+002 \quad .11400+002 \quad .11600+002 \quad .11800+002$

|     |   | $P(I)$     |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .45420+003 | .44854+000 | .44297+000 | .43750+000 | .43211+000 |
| 0   |   | .41635+000 | .41864+000 | .42083+000 | .42291+000 | .42491+000 |
| 1   |   | .11450+000 | .11722+000 | .11994+000 | .12264+000 | .12535+000 |
| 2   |   | .13994-001 | .14587-001 | .15192-001 | .15808-001 | .16434-001 |
| 3   |   | .91628-003 | .97248-003 | .10309-002 | .10915-002 | .11543-002 |
| 4   |   | .35997-004 | .38899-004 | .41971-004 | .45218-004 | .48646-004 |
| H   | = | .18347+000 | .18579+000 | .18812+000 | .19048+000 | .19285+000 |

$\Theta = .12000+002 \quad .12200+002 \quad .12400+002 \quad .12600+002 \quad .12800+002$

|     |   | $P(I)$     |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .42681+000 | .42159+000 | .41646+000 | .41141+000 | .40643+000 |
| 0   |   | .42681+000 | .42862+000 | .43034+000 | .43198+000 | .43353+000 |
| 1   |   | .12804+000 | .13073+000 | .13341+000 | .13607+000 | .13873+000 |
| 2   |   | .17072-001 | .17721-001 | .18380-001 | .19050-001 | .19730-001 |
| 3   |   | .12194-002 | .12869-002 | .13566-002 | .14288-002 | .15033-002 |
| 4   |   | .52262-004 | .56071-004 | .60080-004 | .64294-004 | .68721-004 |
| H   | = | .19525+000 | .19766+000 | .20010+000 | .20256+000 | .20503+000 |

$\Theta = .13000+002 \quad .13200+002 \quad .13400+002 \quad .13600+002 \quad .13800+002$

|     |   | $P(I)$     |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .40154+000 | .39673+000 | .39199+000 | .38732+000 | .38273+000 |
| 0   |   | .43500+000 | .43640+000 | .43772+000 | .43896+000 | .44013+000 |
| 1   |   | .14138+000 | .14401+000 | .14664+000 | .14925+000 | .15185+000 |
| 2   |   | .20421-001 | .21122-001 | .21832-001 | .22553-001 | .23283-001 |
| 3   |   | .15802-002 | .16596-002 | .17414-002 | .18257-002 | .19125-002 |
| 4   |   | .73366-004 | .78237-004 | .83338-004 | .88677-004 | .94261-004 |
| H   | = | .20753+000 | .21005+000 | .21259+000 | .21515+000 | .21774+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSSEL DISTRIBUTION

U2 = 3      U3 = 2

THETA = .14000+002    .14200+002    .14400+002    .14600+002    .14800+002

|     |              | P(I)       |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| -I- |              |            |            |            |            |  |
| 0   | .37820+000   | .37375+000 | .36936+000 | .36504+000 | .36079+000 |  |
| 1   | .44124+000   | .44227+000 | .44324+000 | .44414+000 | .44498+000 |  |
| 2   | .15443+000   | .15701+000 | .15957+000 | .16211+000 | .16464+000 |  |
| 3   | .24023-001   | .24772-001 | .25530-001 | .26298-001 | .27074-001 |  |
| 4   | .20019-002   | .20938-002 | .21883-002 | .22854-002 | .23891-002 |  |
| 5   | .10010-003   | .10619-003 | .11254-003 | .11917-003 | .12607-003 |  |
| H   | = .22034+000 | .22297+000 | .22561+000 | .22828+000 | .23097+000 |  |

THETA = .15000+002    .15500+002    .16000+002    .16500+002    .17000+002

|     |              | P(I)       |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| -I- |              |            |            |            |            |  |
| 0   | .35660+000   | .34640+000 | .33658+000 | .32712+000 | .31799+000 |  |
| 1   | .44575+000   | .44744+000 | .44878+000 | .44979+000 | .45049+000 |  |
| 2   | .16716+000   | .17338+000 | .17951+000 | .18554+000 | .19146+000 |  |
| 3   | .27860-001   | .29860-001 | .31913-001 | .34015-001 | .36164-001 |  |
| 4   | .24875-002   | .27550-002 | .30393-002 | .33408-002 | .36595-002 |  |
| 5   | .13326-003   | .15251-003 | .17368-003 | .19687-003 | .22218-003 |  |
| 6   |              | .54719-005 | .64324-005 | .75192-005 | .87433-005 |  |
| H   | = .23369+000 | .24057+000 | .24759+000 | .25475+000 | .26206+000 |  |

THETA = .17500+002    .18000+002    .18500+002    .19000+002    .19500+002

|     |              | P(I)       |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| -I- |              |            |            |            |            |  |
| 0   | .30920+000   | .30071+000 | .29253+000 | .28462+000 | .27699+000 |  |
| 1   | .45091+000   | .45107+000 | .45098+000 | .45065+000 | .45011+000 |  |
| 2   | .19727+000   | .20298+000 | .20858+000 | .21406+000 | .21943+000 |  |
| 3   | .38359-001   | .40596-001 | .42874-001 | .45190-001 | .47543-001 |  |
| 4   | .39957-002   | .43496-002 | .47213-002 | .51108-002 | .55184-002 |  |
| 5   | .24973-003   | .27962-003 | .31194-003 | .34681-003 | .38432-003 |  |
| 6   | .10116-004   | .11651-004 | .13359-004 | .15253-004 | .17348-004 |  |
| H   | = .26951+000 | .27712+000 | .28488+000 | .29278+000 | .30085+000 |  |

THETA = .20000+002    .21000+002    .22000+002    .23000+002    .24000+002

|     |              | P(I)       |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| -I- |              |            |            |            |            |  |
| 0   | .26962+000   | .25562+000 | .24254+000 | .23029+000 | .21883+000 |  |
| 1   | .44937+000   | .44734+000 | .44465+000 | .44139+000 | .43765+000 |  |
| 2   | .22469+000   | .23485+000 | .24456+000 | .25380+000 | .26259+000 |  |
| 3   | .49930-001   | .54799-001 | .59781-001 | .64861-001 | .70024-001 |  |
| 4   | .59441-002   | .68499-002 | .78284-002 | .88797-002 | .10003-001 |  |
| 5   | .42458-003   | .51374-003 | .61509-003 | .72941-003 | .85744-003 |  |
| 6   | .19656-004   | .24973-004 | .31324-004 | .38834-004 | .47635-004 |  |
| H   | = .30907+000 | .32600+000 | .34359+000 | .36186+000 | .38082+000 |  |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 2

THETA = .25000+002 .30000+002 .35000+002 .40000+002 .45000+002

| -I- |              | -P(I)-     |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .20807+000   | .16328+000 | .12994+000 | .10464+000 | .85149-001 |
| 1   | .43348+000   | .40820+000 | .37898+000 | .34881+000 | .31931+000 |
| 2   | .27093+000   | .30615+000 | .33161+000 | .34881+000 | .35922+000 |
| 3   | .75258-001   | .10205+000 | .12896+000 | .15503+000 | .17961+000 |
| 4   | .11199-001   | .18223-001 | .26866-001 | .36911-001 | .48110-001 |
| 5   | .99991-003   | .19525-002 | .33583-002 | .52730-002 | .77320-002 |
| 6   | .57865-004   | .13559-003 | .27209-003 | .48824-003 | .80542-003 |
| 7   |              | .64567-005 | .15116-004 | .31000-004 | .57530-004 |
| H   | = .40050+000 | .51037+000 | .64134+000 | .79635+000 | .97868+000 |

THETA = .50000+002 .55000+002 .60000+002 .65000+002 .70000+002

| -I- |              | -P(I)-     |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .69917-001   | .57872-001 | .48246-001 | .40483-001 | .34168-001 |
| 1   | .29132+000   | .26524+000 | .24123+000 | .21928+000 | .19931+000 |
| 2   | .36415+000   | .36471+000 | .36185+000 | .35633+000 | .34880+000 |
| 3   | .20230+000   | .22288+000 | .24123+000 | .25735+000 | .27129+000 |
| 4   | .60210-001   | .72966-001 | .86154-001 | .99571-001 | .11304+000 |
| 5   | .10752-001   | .14333-001 | .18462-001 | .23115-001 | .28259-001 |
| 6   | .12444-002   | .18248-002 | .25641-002 | .34779-002 | .45791-002 |
| 7   | .99763-004   | .15930-003 | .24420-003 | .35883-003 | .50878-003 |
| 8   | .56115-005   | .99565-005 | .16650-004 | .26505-004 | .40471-004 |
| H   | = .11919+001 | .14400+001 | .17272+001 | .20585+001 | .24389+001 |

THETA = .75000+002 .80000+002 .85000+002 .90000+002 .95000+002

| -I- |              | -P(I)-     |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .29993-001   | .24723-001 | .21177-001 | .18216-001 | .15730-001 |
| 1   | .18121+000   | .16482+000 | .15000+000 | .13662+000 | .12453+000 |
| 2   | .33976+003   | .32964+000 | .31876+000 | .30739+000 | .29575+000 |
| 3   | .28314+000   | .29301+000 | .30105+000 | .30739+000 | .31218+000 |
| 4   | .12640+000   | .13953+000 | .15232+000 | .16467+000 | .17653+000 |
| 5   | .33857-001   | .39866-001 | .46239-001 | .52931-001 | .59894-001 |
| 6   | .58780-002   | .73925-002 | .90980-002 | .11027-001 | .13171-001 |
| 7   | .69976-003   | .93746-003 | .12275-002 | .15753-002 | .19861-002 |
| 8   | .59639-004   | .85224-004 | .11857-003 | .16111-003 | .21441-003 |
| 9   |              | .57390-005 | .84832-005 | .12206-004 | .17146-004 |
| H   | = .29742+001 | .33707+001 | .39351+001 | .45748+001 | .52979+001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3      U3 = 2

THETA= .10000+003

| -I- | P(I)         |  |  |  |  |
|-----|--------------|--|--|--|--|
| 0   | .13632-001   |  |  |  |  |
| 1   | .11360+000   |  |  |  |  |
| 2   | .28400+000   |  |  |  |  |
| 3   | .31556+000   |  |  |  |  |
| 4   | .18783+000   |  |  |  |  |
| 5   | .67082-001   |  |  |  |  |
| 6   | .15528-001   |  |  |  |  |
| 7   | .24648-002   |  |  |  |  |
| 8   | .28009-003   |  |  |  |  |
| 9   | .23577-004   |  |  |  |  |
| H   | = .61131+001 |  |  |  |  |

U2 = 3      U3 = 3

THETA= .00000+000    .10000-001    .20000-001    .30000-001    .40000-001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .10000+001   | .99938+000 | .99875+000 | .99813+000 | .99750+000 |
| 1   | .62461-003   | .12484-002 | .18715-002 | .24938-002 |            |
| H   | = .27778-001 | .27795-001 | .27813-001 | .27830-001 | .27847-001 |

THETA= .50000-001    .60000-001    .70000-001    .80000-001    .90000-001

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .99688+000   | .99626+000 | .99564+000 | .99502+000 | .99440+000 |
| 1   | .31153-002   | .37360-002 | .43559-002 | .49751-002 | .55935-002 |
| 2   |              |            | .60983-005 | .79601-005 | .10068-004 |
| H   | = .27865-001 | .27882-001 | .27899-001 | .27917-001 | .27934-001 |

THETA= .10000+000    .11000+000    .12000+000    .13000+000    .14000+000

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .99378+000   | .99316+000 | .99254+000 | .99192+000 | .99130+000 |
| 1   | .62111-002   | .68280-002 | .74440-002 | .80593-002 | .86739-002 |
| 2   | .12422-004   | .15021-004 | .17865-004 | .20954-004 | .24287-004 |
| H   | = .27952-001 | .27969-001 | .27987-001 | .28004-001 | .28022-001 |

THETA= .15000+000    .16000+000    .17000+000    .18000+000    .19000+000

| -I- | P(I)         |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .99068+000   | .99007+000 | .98945+000 | .98884+000 | .98822+000 |
| 1   | .92877-002   | .99007-002 | .10513-001 | .11124-001 | .11735-001 |
| 2   | .27863-004   | .31682-004 | .35744-004 | .40048-004 | .44593-004 |
| H   | = .28039-001 | .28056-001 | .28074-001 | .28091-001 | .28109-001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 3$      $U_3 = 3$

$\Theta = .20000+000$      $.21000+000$      $.22000+000$      $.23000+000$      $.24000+000$

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .99761+000   | .98699+000 | .98638+000 | .98576+000 | .98515+000 |
| 1   | .12345-001   | .12954-001 | .13563-001 | .14170-001 | .14777-001 |
| 2   | .49380-004   | .54408-004 | .59676-004 | .65184-004 | .70931-004 |
| H   | = .28126-001 | .28144-001 | .28161-001 | .28179-001 | .28196-001 |

$\Theta = .25000+000$      $.26000+000$      $.27000+000$      $.28000+000$      $.29000+000$

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .98454+000   | .98393+000 | .98332+000 | .98271+000 | .98210+000 |
| 1   | .15383-001   | .15989-001 | .16593-001 | .17197-001 | .17800-001 |
| 2   | .76917-004   | .83142-004 | .89605-004 | .96305-004 | .10324-003 |
| H   | = .28214-001 | .28232-001 | .28249-001 | .28267-001 | .28284-001 |

$\Theta = .30000+000$      $.31000+000$      $.32000+000$      $.33000+000$      $.34000+000$

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .98149+000   | .98088+000 | .98027+000 | .97966+000 | .97905+000 |
| 1   | .18403-001   | .19004-001 | .19605-001 | .20206-001 | .20805-001 |
| 2   | .11042-003   | .11783-003 | .12547-003 | .13336-003 | .14147-003 |
| H   | = .28302-001 | .28319-001 | .28337-001 | .28354-001 | .28372-001 |

$\Theta = .35000+000$      $.36000+000$      $.37000+000$      $.38000+000$      $.39000+000$

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .97845+000   | .97784+000 | .97723+000 | .97663+000 | .97602+000 |
| 1   | .21404-001   | .22001-001 | .22589-001 | .23195-001 | .23791-001 |
| 2   | .14982-003   | .15841-003 | .16723-003 | .17628-003 | .18557-003 |
| H   | = .28390-001 | .28407-001 | .28425-001 | .28443-001 | .28460-001 |

$\Theta = .40000+000$      $.41000+000$      $.42000+000$      $.43000+000$      $.44000+000$

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .97542+000   | .97481+000 | .97421+000 | .97361+000 | .97301+000 |
| 1   | .24385-001   | .24980-001 | .25573-001 | .26166-001 | .26758-001 |
| 2   | .19508-003   | .20493-003 | .21481-003 | .22503-003 | .23547-003 |
| H   | = .28478-001 | .28495-001 | .28513-001 | .28531-001 | .28548-001 |

$\Theta = .45000+000$      $.46000+000$      $.47000+000$      $.48000+000$      $.49000+000$

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .97240+000   | .97180+000 | .97120+000 | .97060+000 | .97000+000 |
| 1   | .27349-001   | .27939-001 | .28529-001 | .29118-001 | .29706-001 |
| 2   | .24614-003   | .25704-003 | .26817-003 | .27953-003 | .29112-003 |
| H   | = .28566-001 | .28584-001 | .28601-001 | .28619-001 | .28637-001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 3 \quad U_3 = 3$

$\Theta = .50000+000 \quad .60000+000 \quad .70000+000 \quad .80000+000 \quad .90000+000$

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .96940+000   | .96344+000 | .95752+000 | .95165+000 | .94583+000 |
| 1   | .30294-001   | .36129-001 | .41891-001 | .47583-001 | .53203-001 |
| 2   | .30294-003   | .43355-003 | .58648-003 | .76132-003 | .95765-003 |
| 3   |              |            |            | .56394-005 | .79805-005 |
| H   | = .28655-001 | .28832-001 | .29010-001 | .29189-001 | .29369-001 |

$\Theta = .10000+001 \quad .11000+001 \quad .12000+001 \quad .13000+001 \quad .14000+001$

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .94006+000   | .93434+000 | .92866+000 | .92303+000 | .91745+000 |
| 1   | .58754-001   | .64236-001 | .69650-001 | .74996-001 | .80277-001 |
| 2   | .11751-002   | .14132-002 | .16716-002 | .19499-002 | .22477-002 |
| 3   | .10880-004   | .14394-004 | .18573-004 | .23471-004 | .29137-004 |
| H   | = .29549-001 | .29730-001 | .29912-001 | .30094-001 | .30277-001 |

$\Theta = .15000+001 \quad .16000+001 \quad .17000+001 \quad .18000+001 \quad .19000+001$

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .91191+000   | .90641+000 | .90097+000 | .89556+000 | .89020+000 |
| 1   | .85491-001   | .90641-001 | .95728-001 | .10075+000 | .10571+000 |
| 2   | .25647-002   | .29005-002 | .32547-002 | .36270-002 | .40170-002 |
| 3   | .35621-004   | .42971-004 | .51232-004 | .60450-004 | .70670-004 |
| H   | = .30461-001 | .30646-001 | .30831-001 | .31017-001 | .31204-001 |

$\Theta = .20000+001 \quad .21000+001 \quad .22000+001 \quad .23000+001 \quad .24000+001$

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .88488+000   | .87961+000 | .87437+000 | .86918+000 | .86403+000 |
| 1   | .11061+000   | .11545+000 | .12023+000 | .12495+000 | .12961+000 |
| 2   | .44244-002   | .48488-002 | .52900-002 | .57475-002 | .62210-002 |
| 3   | .81934-004   | .94283-004 | .10776-003 | .12240-003 | .13825-003 |
| H   | = .31391-001 | .31580-001 | .31769-001 | .31958-001 | .32149-001 |

$\Theta = .25000+001 \quad .26000+001 \quad .27000+001 \quad .28000+001 \quad .29000+001$

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | P(I)         |            |            |            |            |
| 0   | .85893+000   | .85385+000 | .84883+000 | .84384+000 | .83889+000 |
| 1   | .13421+000   | .13875+000 | .14324+000 | .14767+000 | .15205+000 |
| 2   | .67104-002   | .72151-002 | .77350-002 | .82696-002 | .88188-002 |
| 3   | .15533-003   | .17370-003 | .19337-003 | .21440-003 | .23680-003 |
| H   | = .32340-001 | .32532-001 | .32725-001 | .32918-001 | .33112-001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSLE DISTRIBUTION

$U_2 = 3$        $U_3 = 3$

| THE TAU = .30000+001 |              | .31000+001 | .32000+001 | .33000+001 | .34000+001 |
|----------------------|--------------|------------|------------|------------|------------|
| -I-                  |              | P(I)       |            |            |            |
| 0                    | .83398+000   | .82911+000 | .82428+000 | .81948+000 | .81472+000 |
| 1                    | .15637+000   | .16064+000 | .16486+000 | .16902+000 | .17313+000 |
| 2                    | .93823-002   | .99597-002 | .10551-001 | .11155-001 | .11773-001 |
| 3                    | .26062-003   | .28588-003 | .31261-003 | .34095-003 | .37062-003 |
| 4                    |              |            | .51039-005 | .57388-005 | .64292-005 |
| H                    | = .33307-001 | .33503-001 | .33700-001 | .33897-001 | .34095-001 |
| THE TAU = .35000+001 |              | .36000+001 | .37000+001 | .38000+001 | .39000+001 |
| -I-                  |              | P(I)       |            |            |            |
| 0                    | .81000+000   | .80532+000 | .80067+000 | .79605+000 | .79148+000 |
| 1                    | .17719+000   | .18120+000 | .18515+000 | .18906+000 | .19292+000 |
| 2                    | .12403-001   | .13046-001 | .13701-001 | .14369-001 | .15048-001 |
| 3                    | .40195-003   | .43487-003 | .46940-003 | .50557-003 | .54340-003 |
| 4                    | .71777-005   | .79874-005 | .88611-005 | .98018-005 | .10813-004 |
| H                    | = .34294-001 | .34493-001 | .34693-001 | .34894-001 | .35096-001 |
| THE TAU = .40000+001 |              | .41000+001 | .42000+001 | .43000+001 | .44000+001 |
| -I-                  |              | P(I)       |            |            |            |
| 0                    | .78693+000   | .78243+000 | .77795+000 | .77351+000 | .76911+000 |
| 1                    | .19673+000   | .20050+000 | .20421+000 | .20788+000 | .21150+000 |
| 2                    | .15739-001   | .16441-001 | .17154-001 | .17871-001 | .18612-001 |
| 3                    | .58291-003   | .62414-003 | .66709-003 | .71160-003 | .75828-003 |
| 4                    | .11896-004   | .13056-004 | .14295-004 | .15616-004 | .17023-004 |
| H                    | = .35299-001 | .35502-001 | .35706-001 | .35911-001 | .36117-001 |
| THE TAU = .45000+001 |              | .46000+001 | .47000+001 | .48000+001 | .49000+001 |
| -I-                  |              | P(I)       |            |            |            |
| 0                    | .76474+000   | .76040+000 | .75609+000 | .75182+000 | .74757+000 |
| 1                    | .21508+000   | .21861+000 | .22210+000 | .22554+000 | .22894+000 |
| 2                    | .19357-001   | .20112-001 | .20878-001 | .21652-001 | .22437-001 |
| 3                    | .80656-003   | .85664-003 | .90856-003 | .96233-003 | .10180-002 |
| 4                    | .19518-004   | .20105-004 | .21787-004 | .23567-004 | .25449-004 |
| H                    | = .36323-001 | .36531-001 | .36739-001 | .36948-001 | .37157-001 |
| THE TAU = .50000+001 |              | .52000+001 | .54000+001 | .56000+001 | .58000+001 |
| -I-                  |              | P(I)       |            |            |            |
| 0                    | .74336+000   | .73504+000 | .72684+000 | .71876+000 | .71079+000 |
| 1                    | .23230+000   | .23889+000 | .24531+000 | .25156+000 | .25766+000 |
| 2                    | .23230-001   | .24844-001 | .26493-001 | .28175-001 | .29899-001 |
| 3                    | .10755-002   | .11962-002 | .13247-002 | .14609-002 | .16051-002 |
| 4                    | .27435-004   | .31736-004 | .36496-004 | .41741-004 | .47499-004 |
| H                    | = .37368-001 | .37791-001 | .38217-001 | .38647-001 | .39080-001 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 3$      $U_3 = 3$

$\Theta = .60000+001$      $.62000+001$      $.64000+001$      $.66000+001$      $.68000+001$

| $-I-$ |                | $P(I)$       |              |              |              |
|-------|----------------|--------------|--------------|--------------|--------------|
| 0     | $.70295+000$   | $.69522+000$ | $.68760+000$ | $.68009+000$ | $.67269+000$ |
| 1     | $.26361+000$   | $.26940+000$ | $.27504+000$ | $.28054+000$ | $.28589+000$ |
| 2     | $.31633-001$   | $.33405-001$ | $.35205-001$ | $.37031-001$ | $.38881-001$ |
| 3     | $.17574-002$   | $.19177-002$ | $.20862-002$ | $.22630-002$ | $.24481-002$ |
| 4     | $.53797-004$   | $.60662-004$ | $.68122-004$ | $.76203-004$ | $.84934-004$ |
| H     | $= .39516-001$ | $.39955-001$ | $.40398-001$ | $.40844-001$ | $.41294-001$ |

$\Theta = .70000+001$      $.72000+001$      $.74000+001$      $.76000+001$      $.78000+001$

| $-I-$ |                | $P(I)$       |              |              |              |
|-------|----------------|--------------|--------------|--------------|--------------|
| 0     | $.66540+000$   | $.65821+000$ | $.65112+000$ | $.64413+000$ | $.63724+000$ |
| 1     | $.29111+000$   | $.29619+000$ | $.30114+000$ | $.30596+000$ | $.31065+000$ |
| 2     | $.40755-001$   | $.42652-001$ | $.44569-001$ | $.46506-001$ | $.48462-001$ |
| 3     | $.26416-002$   | $.28434-002$ | $.30538-002$ | $.32727-002$ | $.35000-002$ |
| 4     | $.94341-004$   | $.10445-003$ | $.11530-003$ | $.12690-003$ | $.13929-003$ |
| H     | $= .41746-001$ | $.42202-001$ | $.42662-001$ | $.43125-001$ | $.43591-001$ |

$\Theta = .80000+001$      $.82000+001$      $.84000+001$      $.86000+001$      $.88000+001$

| $-I-$ |                | $P(I)$       |              |              |              |
|-------|----------------|--------------|--------------|--------------|--------------|
| 0     | $.63045+000$   | $.62375+000$ | $.61715+000$ | $.61063+000$ | $.60421+000$ |
| 1     | $.31522+000$   | $.31967+000$ | $.32400+000$ | $.32822+000$ | $.33232+000$ |
| 2     | $.50436-001$   | $.52426-001$ | $.54432-001$ | $.56453-001$ | $.58488-001$ |
| 3     | $.37360-002$   | $.39805-002$ | $.42336-002$ | $.44953-002$ | $.47657-002$ |
| 4     | $.15249-003$   | $.16653-003$ | $.18144-003$ | $.19724-003$ | $.21397-003$ |
| 5     |                |              |              | $.53009-005$ | $.58841-005$ |
| H     | $= .44060-001$ | $.44533-001$ | $.45010-001$ | $.45490-001$ | $.45974-001$ |

$\Theta = .90000+001$      $.92000+001$      $.94000+001$      $.96000+001$      $.98000+001$

| $-I-$ |                | $P(I)$       |              |              |              |
|-------|----------------|--------------|--------------|--------------|--------------|
| 0     | $.59788+000$   | $.59163+000$ | $.58547+000$ | $.57939+000$ | $.57339+000$ |
| 1     | $.33631+000$   | $.34019+000$ | $.34396+000$ | $.34763+000$ | $.35120+000$ |
| 2     | $.60535-001$   | $.62594-001$ | $.64665-001$ | $.66746-001$ | $.68836-001$ |
| 3     | $.50446-002$   | $.53321-002$ | $.56292-002$ | $.59329-002$ | $.62462-002$ |
| 4     | $.23164-003$   | $.25028-003$ | $.26993-003$ | $.29059-003$ | $.31231-003$ |
| 5     | $.65148-005$   | $.71956-005$ | $.79291-005$ | $.87178-005$ | $.95645-005$ |
| H     | $= .46461-001$ | $.46951-001$ | $.47446-001$ | $.47943-001$ | $.48445-001$ |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 3

THETA= .10000+002 .10200+002 .10400+002 .10600+002 .10800+002

| -I- |              | P(I)       |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | .56748+000   | .56164+000 | .55589+000 | .55020+000 | .54460+000 |  |
| 1   | .35467+000   | .35805+000 | .36133+000 | .36451+000 | .36760+000 |  |
| 2   | .70935-001   | .73042-001 | .75156-001 | .77276-001 | .79403-001 |  |
| 3   | .65680-002   | .68984-002 | .72372-002 | .75845-002 | .79403-002 |  |
| 4   | .33510-003   | .35900-003 | .38402-003 | .41018-003 | .43752-003 |  |
| 5   | .10472-004   | .11443-004 | .12480-004 | .13587-004 | .14766-004 |  |
| H   | = .48950-001 | .49458-001 | .49970-001 | .50486-001 | .51006-001 |  |

THETA= .11000+002 .11200+002 .11400+002 .11600+002 .11800+002

| -I- |              | P(I)       |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | .53907+000   | .53361+000 | .52823+000 | .52291+000 | .51766+000 |  |
| 1   | .37061+000   | .37353+000 | .37636+000 | .37911+000 | .38178+000 |  |
| 2   | .81534-001   | .83670-001 | .85810-001 | .87953-001 | .90099-001 |  |
| 3   | .83044-002   | .86769-002 | .90577-002 | .94469-002 | .98442-002 |  |
| 4   | .46606-003   | .49582-003 | .52683-003 | .55910-003 | .59266-003 |  |
| 5   | .16021-004   | .17354-004 | .18768-004 | .20267-004 | .21854-004 |  |
| H   | = .51529-001 | .52056-001 | .52587-001 | .53122-001 | .53660-001 |  |

THETA= .12000+002 .12200+002 .12400+002 .12600+002 .12800+002

| -I- |              | P(I)       |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | .51249+000   | .57738+000 | .50233+000 | .49735+000 | .49244+000 |  |
| 1   | .38436+000   | .38687+000 | .38931+000 | .39166+000 | .39395+000 |  |
| 2   | .92248-001   | .94397-001 | .96548-001 | .98699-001 | .10085+000 |  |
| 3   | .10250-001   | .10663-001 | .11085-001 | .11515-001 | .11953-001 |  |
| 4   | .62753-003   | .66374-003 | .70131-003 | .74025-003 | .78058-003 |  |
| 5   | .23533-004   | .25305-004 | .27176-004 | .29147-004 | .31223-004 |  |
| H   | = .54202-001 | .54748-001 | .55298-001 | .55851-001 | .56409-001 |  |

THETA= .13000+002 .13200+002 .13400+002 .13600+002 .13800+002

| -I- |              | P(I)       |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | .48758+000   | .48279+000 | .47806+000 | .47339+000 | .46878+000 |  |
| 1   | .39616+000   | .39830+000 | .40038+000 | .40238+000 | .40432+000 |  |
| 2   | .10300+000   | .10515+000 | .10730+000 | .10945+000 | .11159+000 |  |
| 3   | .12398-001   | .12852-001 | .13313-001 | .13782-001 | .14259-001 |  |
| 4   | .82234-003   | .86554-003 | .91019-003 | .95632-003 | .10040-002 |  |
| 5   | .33408-004   | .35703-004 | .38114-004 | .40644-004 | .43296-004 |  |
| H   | = .56970-001 | .57536-001 | .58105-001 | .58678-001 | .59256-001 |  |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

$U_2 = 3$        $U_3 = 3$

$\Theta = .14000+002$      $.14200+002$      $.14400+002$      $.14600+002$      $.14800+002$

| $-I-$ |                | $-P(I)-$     |              |              |              |  |
|-------|----------------|--------------|--------------|--------------|--------------|--|
| 0     | $.46422+000$   | $.45973+000$ | $.45529+000$ | $.45090+000$ | $.44657+000$ |  |
| 1     | $.40620+000$   | $.40801+000$ | $.40976+000$ | $.41145+000$ | $.41308+000$ |  |
| 2     | $.11374+000$   | $.11587+000$ | $.11801+000$ | $.12014+000$ | $.12227+000$ |  |
| 3     | $.14743-001$   | $.15235-001$ | $.15735-001$ | $.16242-001$ | $.16756-001$ |  |
| 4     | $.10531-002$   | $.11038-002$ | $.11560-002$ | $.12098-002$ | $.12652-002$ |  |
| 5     | $.46073-004$   | $.48980-004$ | $.52021-004$ | $.55198-004$ | $.58517-004$ |  |
| H     | $= .59837-001$ | $.60422-001$ | $.61012-001$ | $.61605-001$ | $.62202-001$ |  |

$\Theta = .15000+002$      $.15500+002$      $.16000+002$      $.16500+002$      $.17000+002$

| $-I-$ |                | $-P(I)-$     |              |              |              |  |
|-------|----------------|--------------|--------------|--------------|--------------|--|
| 0     | $.44229+000$   | $.43183+000$ | $.42168+000$ | $.41183+000$ | $.40228+000$ |  |
| 1     | $.41465+000$   | $.41833+000$ | $.42168+000$ | $.42470+000$ | $.42742+000$ |  |
| 2     | $.12439+000$   | $.12968+000$ | $.13494+000$ | $.14015+000$ | $.14532+000$ |  |
| 3     | $.17277-001$   | $.18612-001$ | $.19991-001$ | $.21412-001$ | $.22875-001$ |  |
| 4     | $.13222-002$   | $.14719-002$ | $.16319-002$ | $.18026-002$ | $.19841-002$ |  |
| 5     | $.61979-004$   | $.71293-004$ | $.81595-004$ | $.92944-004$ | $.10540-003$ |  |
| H     | $= .62804-001$ | $.64326-001$ | $.65874-001$ | $.67449-001$ | $.69050-001$ |  |

$\Theta = .17500+002$      $.18000+002$      $.18500+002$      $.19000+002$      $.19500+002$

| $-I-$ |                | $-P(I)-$     |              |              |              |  |
|-------|----------------|--------------|--------------|--------------|--------------|--|
| 0     | $.39301+000$   | $.38402+000$ | $.37528+000$ | $.36680+000$ | $.35856+000$ |  |
| 1     | $.42986+000$   | $.43202+000$ | $.43392+000$ | $.43557+000$ | $.43699+000$ |  |
| 2     | $.15045+000$   | $.15553+000$ | $.16055+000$ | $.16552+000$ | $.17043+000$ |  |
| 3     | $.24379-001$   | $.25921-001$ | $.27502-001$ | $.29119-001$ | $.30771-001$ |  |
| 4     | $.21767-002$   | $.23805-002$ | $.25958-002$ | $.28227-002$ | $.30614-002$ |  |
| 5     | $.11904-003$   | $.13390-003$ | $.15007-003$ | $.16760-003$ | $.18656-003$ |  |
| H     | $= .70679-001$ | $.72335-001$ | $.74019-001$ | $.75731-001$ | $.77471-001$ |  |

$\Theta = .20000+002$      $.21000+002$      $.22000+002$      $.23000+002$      $.24000+002$

| $-I-$ |                | $-P(I)-$     |              |              |              |  |
|-------|----------------|--------------|--------------|--------------|--------------|--|
| 0     | $.35055+000$   | $.33521+000$ | $.32071+000$ | $.30700+000$ | $.29402+000$ |  |
| 1     | $.43819+000$   | $.43996+000$ | $.44098+000$ | $.44131+000$ | $.44103+000$ |  |
| 2     | $.17528+000$   | $.18478+000$ | $.19403+000$ | $.20300+000$ | $.21169+000$ |  |
| 3     | $.32458-001$   | $.35930-001$ | $.39525-001$ | $.43232-001$ | $.47043-001$ |  |
| 4     | $.33121-002$   | $.38497-002$ | $.44364-002$ | $.50732-002$ | $.57604-002$ |  |
| 5     | $.20700-003$   | $.25263-003$ | $.30501-003$ | $.36463-003$ | $.43203-003$ |  |
| 6     | $.85187-005$   | $.10916-004$ | $.13807-004$ | $.17256-004$ | $.21335-004$ |  |
| H     | $= .79240-001$ | $.82867-001$ | $.86613-001$ | $.90482-001$ | $.94476-001$ |  |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3      U3 = 3

| THETA = .25000+002 |              | .30000+002 | .35000+002 | .40000+002 | .45000+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | P(I)       |            |            |            |
| 0                  | .28173+000   | .22909+000 | .18818+000 | .15595+000 | .13024+000 |
| 1                  | .44020+000   | .42954+000 | .41165+000 | .38987+000 | .36631+000 |
| 2                  | .22010+000   | .25773+000 | .28815+000 | .31189+000 | .32968+000 |
| 3                  | .50949-001   | .71590-001 | .93383-001 | .11552+000 | .13736+000 |
| 4                  | .64985-002   | .10958-001 | .16675-001 | .23575-001 | .31538-001 |
| 5                  | .50770-003   | .10273-002 | .18239-002 | .29468-002 | .44350-002 |
| 6                  | .26116-004   | .63413-004 | .13135-003 | .24254-003 | .41065-003 |
| 7                  |              |            | .65675-005 | .13859-004 | .26399-004 |
| H                  | = .98599-001 | .12125+000 | .14761+000 | .17812+000 | .21328+000 |
| THETA = .50000+002 |              | .55000+002 | .60000+002 | .65000+002 | .70000+002 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .10953+000   | .92687-001 | .78876-001 | .67467-001 | .57980-001 |
| 1                  | .34228+000   | .31861+000 | .29578+000 | .27409+000 | .25366+000 |
| 2                  | .34228+000   | .35047+000 | .35494+000 | .35631+000 | .35513+000 |
| 3                  | .15846+000   | .17848+000 | .19719+000 | .21445+000 | .23017+000 |
| 4                  | .40425-001   | .50084-001 | .60364-001 | .71118-001 | .82205-001 |
| 5                  | .63163-002   | .86082-002 | .11318-001 | .14446-001 | .17982-001 |
| 6                  | .64983-003   | .97418-003 | .13973-002 | .19320-002 | .25901-002 |
| 7                  | .6416-004    | .76543-004 | .11977-003 | .17940-003 | .25901-003 |
| 8                  |              |            | .74238-005 | .12047-004 | .18730-004 |
| H                  | = .25361+000 | .29969+000 | .35217+000 | .41172+000 | .47909+000 |
| THETA = .75000+002 |              | .80000+002 | .85000+002 | .90000+002 | .95000+002 |
| -I-                |              | P(I)       |            |            |            |
| 0                  | .50042-001   | .43363-001 | .37714-001 | .32914-001 | .28818-001 |
| 1                  | .23457+000   | .21681+000 | .20036+000 | .18514+000 | .17111+000 |
| 2                  | .35186+000   | .34690+000 | .34061+000 | .33326+000 | .32510+000 |
| 3                  | .24434+000   | .25696+000 | .26807+000 | .27772+000 | .28597+000 |
| 4                  | .93499-001   | .10488+000 | .11625+000 | .12752+000 | .13861+000 |
| 5                  | .21914-001   | .26221-001 | .30880-001 | .35866-001 | .41149-001 |
| 6                  | .33818-002   | .43162-002 | .54009-002 | .66418-002 | .80435-002 |
| 7                  | .36233-003   | .49328-003 | .65582-003 | .85394-003 | .10916-002 |
| 8                  | .28073-004   | .40767-004 | .57587-004 | .79396-004 | .10713-003 |
| 9                  |              |            |            | .55136-005 | .78531-005 |
| H                  | = .55509+000 | .64059+000 | .73653+000 | .84394+000 | .96391+000 |

DENSITY OF THE THREE-FACTOR GENERALIZED  
INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 3

THETA = .10000+003

-I-----P(I)-----  
0 .25307-001  
1 .15817+000  
2 .31634+000  
3 .29291+000  
4 .14944+000  
5 .46701-001  
6 .96092-002  
7 .13727-002  
8 .14181-003  
9 .10942-004  
H = .10976+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0 U3 = C

THETA= .00000+000 .10000-001 .20000-001 .30000-001 .40000-001

-I-----SUM-P(I)-----  
 0 1.00000 .99009+000 .98034+000 .97077+000 .96135+000  
 1 .99999+000 .99995+000 .99989+000 .99981+000  
 2 1.00000 1.00000 1.00000 1.00000  
 H = .10000+001 .10103+001 .10200+001 .10301+001 .10402+001

THETA= .50000-001 .60000-001 .70000-001 .80000-001 .90000-001

-I-----SUM-P(I)-----  
 0 .95210+000 .94300+000 .93404+000 .92524+000 .91658+000  
 1 .99970+000 .99958+000 .99943+000 .99926+000 .99907+000  
 2 1.00000 1.00000 1.00000 1.00000  
 H = .10503+001 .10604+001 .10706+001 .10808+001 .10910+001

THETA= .10000+000 .11000+000 .12000+000 .13000+000 .14000+000

-I-----SUM-P(I)-----  
 0 .90806+000 .89967+000 .89142+000 .88330+000 .87530+000  
 1 .99886+000 .99863+000 .99839+000 .99813+000 .99784+000  
 2 1.00000 .99999+000 .99999+000 .99999+000 .99999+000  
 3 1.00000 1.00000 1.00000 1.00000  
 H = .11013+001 .11115+001 .11218+001 .11321+001 .11425+001

THETA= .15000+000 .16000+000 .17000+000 .18000+000 .19000+000

-I-----SUM-P(I)-----  
 0 .86743+000 .85968+000 .85205+000 .84454+000 .83714+000  
 1 .99755+000 .99723+000 .99690+000 .99656+000 .99620+000  
 2 .99999+000 .99998+000 .99998+000 .99998+000 .99997+000  
 3 1.00000 1.00000 1.00000 1.00000  
 H = .11528+001 .11632+001 .11736+001 .11841+001 .11945+001

THETA= .20000+000 .21000+000 .22000+000 .23000+000 .24000+000

-I-----SUM-P(I)-----  
 0 .82985+000 .82267+000 .81559+000 .80862+000 .80175+000  
 1 .99582+000 .99543+000 .99503+000 .99461+000 .99418+000  
 2 .99997+000 .99996+000 .99996+000 .99995+000 .99995+000  
 3 1.00000 1.00000 1.00000 1.00000  
 H = .12050+001 .12156+001 .12261+001 .12367+001 .12473+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 0 U3 = 0

| THETA = .25000+000 |              | .26000+000 | .27000+000 | .28000+000 | .29000+000 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .79499+000   | .78831+000 | .78174+000 | .77525+000 | .76886+000 |
| 1                  | .99373+000   | .99327+000 | .99280+000 | .99232+000 | .99183+000 |
| 2                  | .99994+000   | .99994+000 | .99993+000 | .99992+000 | .99991+000 |
| 3                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .12579+001 | .12685+001 | .12792+001 | .12899+001 | .13006+001 |

| THETA = .30000+000 |              | .31000+000 | .32000+000 | .33000+000 | .34000+000 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .76295+000   | .75634+000 | .75021+000 | .74417+000 | .73821+000 |
| 1                  | .99133+000   | .99081+000 | .99028+000 | .98975+000 | .98920+000 |
| 2                  | .99990+000   | .99990+000 | .99989+000 | .99988+000 | .99986+000 |
| 3                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .13114+001 | .13222+001 | .13330+001 | .13438+001 | .13546+001 |

| THETA = .35000+000 |              | .36000+000 | .37000+000 | .38000+000 | .39000+000 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .73237+000   | .72652+000 | .72080+000 | .71515+000 | .70958+000 |
| 1                  | .98864+000   | .98807+000 | .98750+000 | .98691+000 | .98631+000 |
| 2                  | .99985+000   | .99984+000 | .99983+000 | .99982+000 | .99980+000 |
| 3                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .13655+001 | .13764+001 | .13873+001 | .13983+001 | .14093+001 |

| THETA = .40000+000 |              | .41000+000 | .42000+000 | .43000+000 | .44000+000 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .70408+000   | .69865+000 | .69329+000 | .68800+000 | .68278+000 |
| 1                  | .98571+000   | .98510+000 | .98447+000 | .98384+000 | .98321+000 |
| 2                  | .99979+000   | .99978+000 | .99976+000 | .99975+000 | .99973+000 |
| 3                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .14203+001 | .14313+001 | .14424+001 | .14535+001 | .14646+001 |

| THETA = .45000+000 |              | .46000+000 | .47000+000 | .48000+000 | .49000+000 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .67763+000   | .67254+000 | .66751+000 | .66255+000 | .65765+000 |
| 1                  | .98256+000   | .98191+000 | .98125+000 | .98058+000 | .97920+000 |
| 2                  | .99971+000   | .99969+000 | .99968+000 | .99966+000 | .99964+000 |
| 3                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .14757+001 | .14869+001 | .14981+001 | .15093+001 | .15206+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 0 U3 = 0

THETA= .50000+000 .60000+000 .70000+000 .80000+000 .90000+000

|     |                    |            |            |            |            |
|-----|--------------------|------------|------------|------------|------------|
| -I- | -----SUM-P(I)----- |            |            |            |            |
| 0   | .55281+000         | .60753+000 | .55726+000 | .53124+000 | .49883+000 |
| 1   | .97922+000         | .97205+000 | .96434+000 | .95623+000 | .94779+000 |
| 2   | .99962+000         | .99939+000 | .99909+000 | .99872+000 | .99829+000 |
| 3   | 1.00000            | .99999+000 | .99999+000 | .99998+000 | .99998+000 |
| 4   |                    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .15318+001       | .16460+001 | .17629+001 | .18824+001 | .20047+001 |

THETA= .10000+001 .11000+001 .12000+001 .13000+001 .14000+001

|     |                    |            |            |            |            |
|-----|--------------------|------------|------------|------------|------------|
| -I- | -----SUM-P(I)----- |            |            |            |            |
| 0   | .46955+000         | .44296+000 | .41873+000 | .39657+000 | .37622+000 |
| 1   | .93910+000         | .93022+000 | .92121+000 | .91211+000 | .90294+000 |
| 2   | .99779+000         | .99722+000 | .99659+000 | .99588+000 | .99511+000 |
| 3   | .99997+000         | .99995+000 | .99994+000 | .99992+000 | .99989+000 |
| 4   | 1.00000            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .21297+001       | .22575+001 | .23882+001 | .25216+001 | .26580+001 |

THETA= .15000+001 .16000+001 .17000+001 .18000+001 .19000+001

|     |                    |            |            |            |            |
|-----|--------------------|------------|------------|------------|------------|
| -I- | -----SUM-P(I)----- |            |            |            |            |
| 0   | .35749+000         | .34020+000 | .32419+000 | .30933+000 | .29551+000 |
| 1   | .89374+000         | .88452+000 | .87531+000 | .86613+000 | .85698+000 |
| 2   | .99428+000         | .99339+000 | .99243+000 | .99141+000 | .99033+000 |
| 3   | .99987+000         | .99984+000 | .99980+000 | .99976+000 | .99972+000 |
| 4   | 1.00000            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .27972+001       | .29394+001 | .30846+001 | .32329+001 | .33840+001 |

THETA= .20000+001 .21000+001 .22000+001 .23000+001 .24000+001

|     |                    |            |            |            |            |
|-----|--------------------|------------|------------|------------|------------|
| -I- | -----SUM-P(I)----- |            |            |            |            |
| 0   | .29263+000         | .27060+000 | .25933+000 | .24878+000 | .23887+000 |
| 1   | .84789+000         | .83885+000 | .82987+000 | .82097+000 | .81214+000 |
| 2   | .99920+000         | .98801+000 | .98677+000 | .98547+000 | .98413+000 |
| 3   | .99967+000         | .99961+000 | .99955+000 | .99949+000 | .99942+000 |
| 4   | .99999+000         | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 5   | 1.00000            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .35382+001       | .36956+001 | .38560+001 | .40196+001 | .41864+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0 U3 = 0

THE TAU = .25000+001 .26000+001 .27000+001 .28000+001 .29000+001

| -I-----SUM-P(I)----- |              |            |            |            |            |
|----------------------|--------------|------------|------------|------------|------------|
| 0                    | .22954+000   | .22076+000 | .21248+000 | .20466+000 | .19726+000 |
| 1                    | .80340+000   | .79475+000 | .78618+000 | .77770+000 | .76932+000 |
| 2                    | .98273+000   | .98129+000 | .97980+000 | .97827+000 | .97669+000 |
| 3                    | .99934+000   | .99925+000 | .99917+000 | .99907+000 | .99897+000 |
| 4                    | .99999+000   | .99998+000 | .99998+000 | .99998+000 | .99998+000 |
| 5                    | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                    | = .43565+001 | .45297+001 | .47063+001 | .48862+001 | .50694+001 |

THE TAU = .30000+001 .31000+001 .32000+001 .33000+001 .34000+001

| -I-----SUM-P(I)----- |              |            |            |            |            |
|----------------------|--------------|------------|------------|------------|------------|
| 0                    | .19026+000   | .19362+000 | .17732+000 | .17134+000 | .16565+000 |
| 1                    | .76103+000   | .75284+000 | .74475+000 | .73675+000 | .72885+000 |
| 2                    | .97508+000   | .97342+000 | .97172+000 | .96998+000 | .96821+000 |
| 3                    | .99886+000   | .99874+000 | .99862+000 | .99849+000 | .99835+000 |
| 4                    | .99997+000   | .99997+000 | .99997+000 | .99996+000 | .99996+000 |
| 5                    | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                    | = .52560+001 | .54460+001 | .56395+001 | .58364+001 | .60369+001 |

THE TAU = .35000+001 .36000+001 .37000+001 .38000+001 .39000+001

| -I-----SUM-P(I)----- |              |            |            |            |            |
|----------------------|--------------|------------|------------|------------|------------|
| 0                    | .16023+000   | .15507+000 | .15016+000 | .14546+000 | .14098+000 |
| 1                    | .72105+000   | .71334+000 | .70574+000 | .69822+000 | .69081+000 |
| 2                    | .96641+000   | .96456+000 | .96269+000 | .96078+000 | .95885+000 |
| 3                    | .99821+000   | .99806+000 | .99790+000 | .99774+000 | .99757+000 |
| 4                    | .99995+000   | .99994+000 | .99994+000 | .99993+000 | .99993+000 |
| 5                    | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                    | = .62409+001 | .64485+001 | .66597+001 | .68746+001 | .70931+001 |

THE TAU = .40000+001 .41000+001 .42000+001 .43000+001 .44000+001

| -I-----SUM-P(I)----- |              |            |            |            |            |
|----------------------|--------------|------------|------------|------------|------------|
| 0                    | .13670+000   | .13260+000 | .12868+000 | .12492+000 | .12132+000 |
| 1                    | .68349+000   | .67626+000 | .66913+000 | .66209+000 | .65514+000 |
| 2                    | .95688+000   | .95489+000 | .95287+000 | .95082+000 | .94875+000 |
| 3                    | .99739+000   | .99720+000 | .99700+000 | .99680+000 | .99659+000 |
| 4                    | .99992+000   | .99991+000 | .99990+000 | .99989+000 | .99988+000 |
| 5                    | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                    | = .73154+001 | .75415+001 | .77713+001 | .80049+001 | .82425+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

$U_2 = 0 \quad U_3 = 0$

| THETA = .45000+001 |              | .46000+001 | .47000+001 | .48000+001 | .49000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .11787+000   | .11456+000 | .11138+000 | .10832+000 | .10538+000 |
| 1                  | .64829+000   | .64152+000 | .63485+000 | .62826+000 | .62175+000 |
| 2                  | .96555+000   | .94453+000 | .94238+000 | .94022+000 | .93803+000 |
| 3                  | .99638+000   | .99615+000 | .99592+000 | .99568+000 | .99543+000 |
| 4                  | .99987+000   | .99986+000 | .99985+000 | .99984+000 | .99982+000 |
| 5                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .84839+001 | .87292+001 | .89786+001 | .92319+001 | .94893+001 |
| THETA = .50000+001 |              | .52000+001 | .54000+001 | .56000+001 | .58000+001 |
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .10256+000   | .97219-001 | .92266-001 | .87662-001 | .83375-001 |
| 1                  | .61534+000   | .60275+000 | .59050+000 | .57857+000 | .56695+000 |
| 2                  | .97582+003   | .93135+000 | .92681+000 | .92220+000 | .91754+000 |
| 3                  | .99517+000   | .99464+000 | .99407+000 | .99348+000 | .99285+000 |
| 4                  | .99981+000   | .99978+000 | .99975+000 | .99971+000 | .99967+000 |
| 5                  | 1.00000      | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 6                  |              | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .97508+001 | .10286+002 | .10838+002 | .11407+002 | .11994+002 |
| THETA = .60000+001 |              | .62000+001 | .64000+001 | .66000+001 | .68000+001 |
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .79375-001   | .75639-001 | .72143-001 | .68867-001 | .65794-001 |
| 1                  | .55563+000   | .54460+000 | .53386+000 | .52339+000 | .51319+000 |
| 2                  | .91282+000   | .90804+000 | .90323+000 | .89837+000 | .89348+000 |
| 3                  | .99219+000   | .99150+000 | .99078+000 | .99003+000 | .98925+000 |
| 4                  | .99963+000   | .99959+000 | .99954+000 | .99949+000 | .99943+000 |
| 5                  | .99999+000   | .99999+000 | .99999+000 | .99998+000 | .99998+000 |
| 6                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .12598+002 | .13221+002 | .13861+002 | .14521+002 | .15199+002 |
| THETA = .70000+001 |              | .72000+001 | .74000+001 | .76000+001 | .78000+001 |
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .62906-001   | .60190-001 | .57633-001 | .55222-001 | .52946-001 |
| 1                  | .50325+000   | .49356+000 | .48412+000 | .47491+000 | .46593+000 |
| 2                  | .88855+000   | .88359+000 | .87861+000 | .87361+000 | .86858+000 |
| 3                  | .98844+000   | .98760+000 | .98673+000 | .98583+000 | .98491+000 |
| 4                  | .99937+000   | .99930+000 | .99923+000 | .99916+000 | .99908+000 |
| 5                  | .99998+000   | .99998+000 | .99997+000 | .99997+000 | .99997+000 |
| 6                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .15897+002 | .16614+002 | .17351+002 | .18109+002 | .18887+002 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0 U3 = 0

THETA = .80000+001 .82000+001 .84000+001 .86000+001 .88000+001  
 -I-----SUM-P(I)-----  
 0 .50797-001 .48764-001 .46840-001 .45017-001 .43289-001  
 1 .45717+000 .44863+000 .44030+000 .43217+000 .42423+000  
 2 .86354+000 .85849+000 .85342+000 .84835+000 .84327+000  
 3 .98395+000 .98296+000 .98195+000 .98091+000 .97984+000  
 4 .99900+000 .99891+000 .99882+000 .99872+000 .99862+000  
 5 .99996+000 .99996+000 .99995+000 .99995+000 .99994+000  
 6 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .19686+002 .20507+002 .21349+002 .22214+002 .23101+002

THETA = .90000+001 .92000+001 .94000+001 .96000+001 .98000+001  
 -I-----SUM-P(I)-----  
 0 .41649-001 .40091-001 .38611-001 .37203-001 .35862-001  
 1 .41649+000 .40893+000 .40155+000 .39435+000 .38731+000  
 2 .83818+000 .83310+000 .82801+000 .82292+000 .81784+000  
 3 .97875+000 .97763+000 .97648+000 .97531+000 .97411+000  
 4 .99852+000 .99840+000 .99829+000 .99816+000 .99804+000  
 5 .99994+000 .99993+000 .99993+000 .99992+000 .99991+000  
 6 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .24010+002 .24943+002 .25899+002 .26880+002 .27884+002

THETA = .10000+002 .10200+002 .10400+002 .10600+002 .10800+002  
 -I-----SUM-P(I)-----  
 0 .34586-001 .33369-001 .32208-001 .31101-001 .30043-001  
 1 .38044+000 .37373+000 .36718+000 .36077+000 .35451+000  
 2 .81277+000 .80769+000 .80263+000 .79758+000 .79254+000  
 3 .97289+000 .97164+000 .97036+000 .96907+000 .96775+000  
 4 .99790+000 .99776+000 .99762+000 .99747+000 .99731+000  
 5 .99990+000 .99990+000 .99989+000 .99988+000 .99987+000  
 6 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .28914+002 .29968+002 .31048+002 .32154+002 .33286+002

THETA = .11000+002 .11200+002 .11400+002 .11600+002 .11800+002  
 -I-----SUM-P(I)-----  
 0 .29032-001 .28066-001 .27142-001 .26257-001 .25410-001  
 1 .34839+000 .34241+000 .33656+000 .33084+000 .32525+000  
 2 .78750+000 .78249+000 .77748+000 .77249+000 .76752+000  
 3 .96640+000 .96504+000 .96365+000 .96224+000 .96081+000  
 4 .99715+000 .99698+000 .99681+000 .99663+000 .99645+000  
 5 .99986+000 .99985+000 .99983+000 .99982+000 .99981+000  
 6 1.00000 1.00000 1.00000 1.00000 1.00000  
 7 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .34444+002 .35630+002 .36843+002 .37084+002 .39354+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSSEL DISTRIBUTION

U2 = 0 U3 = 0

THETA = .12000+002 .12200+002 .12400+002 .12600+002 .12800+002  
 -I- ----- SUM-P(I) -----  
 0 .24599-001 .23821-001 .23075-001 .22359-001 .21672-001  
 1 .31979+000 .31444+000 .30921+000 .30409+000 .29908+000  
 2 .76256+000 .75763+000 .75271+000 .74781+000 .74293+000  
 3 .95936+000 .95788+000 .95639+000 .95488+000 .95334+000  
 4 .99625+000 .99606+000 .99585+000 .99564+000 .99543+000  
 5 .99980+000 .99978+000 .99977+000 .99975+000 .99973+000  
 F .99999+000 .99999+000 .99999+000 .99999+000 .99999+000  
 7 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .40652+002 .41980+002 .43337+002 .44724+002 .46142+002

THETA = .13000+002 .13200+002 .13400+002 .13600+002 .13800+002  
 -I- ----- SUM-P(I) -----  
 0 .21013-001 .20379-001 .19770-001 .19184-001 .18620-001  
 1 .29418+000 .28938+000 .28468+000 .28008+000 .27558+000  
 2 .73807+000 .73323+000 .72841+000 .72361+000 .71884+000  
 3 .95179+000 .95022+000 .94863+000 .94702+000 .94540+000  
 4 .99520+000 .99497+000 .99474+000 .99450+000 .99425+000  
 5 .99972+000 .99970+000 .99968+000 .99966+000 .99964+000  
 6 .99999+000 .99999+000 .99999+000 .99999+000 .99999+000  
 7 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .47591+002 .49071+002 .50583+002 .52127+002 .53704+002

THETA = .14000+002 .14200+002 .14400+002 .14600+002 .14800+002  
 -I- ----- SUM-P(I) -----  
 0 .18078-001 .17556-001 .17054-001 .16570-001 .16103-001  
 1 .27117+000 .26686+000 .26263+000 .25849+000 .25443+000  
 2 .71409+000 .70937+000 .70467+000 .69999+000 .69534+000  
 3 .94375+000 .94210+000 .94042+000 .93873+000 .93702+000  
 4 .99399+000 .99373+000 .99346+000 .99319+000 .99291+000  
 5 .99962+000 .99960+000 .99958+000 .99955+000 .99953+000  
 6 .99998+000 .99998+000 .99998+003 .99998+000 .99998+000  
 7 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .55315+002 .56959+002 .58638+002 .60351+002 .62099+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 0 U3 = 0

| THETA = .15000+002 |              | .15500+002 | .16000+002 | .16500+002 | .17000+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .15654-001   | .14598-001 | .13632-001 | .12746-001 | .11933-001 |
| 1                  | .25046+000   | .24086+000 | .23174+000 | .22306+000 | .21479+000 |
| 2                  | .69071+000   | .67925+000 | .66796+000 | .65683+000 | .64587+000 |
| 3                  | .93530+000   | .93092+000 | .92646+000 | .92191+000 | .91729+000 |
| 4                  | .99262+000   | .99187+000 | .99109+000 | .99026+000 | .98938+000 |
| 5                  | .99950+000   | .99943+000 | .99936+000 | .99928+000 | .99919+000 |
| 6                  | .99998+000   | .99997+000 | .99997+000 | .99997+000 | .99996+000 |
| 7                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .63883+002 | .68503+002 | .73358+002 | .78454+002 | .83802+002 |

| THETA = .17500+002 |              | .18000+002 | .18500+002 | .19000+002 | .19500+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .11185-001   | .10495-001 | .98585-002 | .92702-002 | .87255-002 |
| 1                  | .20692+000   | .19941+000 | .19224+000 | .18540+000 | .17887+000 |
| 2                  | .63508+000   | .62445+000 | .61400+000 | .60372+000 | .59361+000 |
| 3                  | .91259+000   | .90782+000 | .90298+000 | .89809+000 | .89314+000 |
| 4                  | .98847+000   | .98752+000 | .98652+000 | .98548+000 | .98440+000 |
| 5                  | .99909+000   | .99899+000 | .99888+000 | .99876+000 | .99864+000 |
| 6                  | .99995+000   | .99995+000 | .99994+000 | .99993+000 | .99992+000 |
| 7                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .89409+002 | .95283+002 | .10144+003 | .10787+003 | .11461+003 |

| THETA = .20000+002 |              | .21000+002 | .22000+002 | .23000+002 | .24000+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .82207-002   | .73166-002 | .65339-002 | .58532-002 | .52588-002 |
| 1                  | .17263+000   | .16096+000 | .15028+000 | .14048+000 | .13147+000 |
| 2                  | .58367+000   | .56429+000 | .54558+000 | .52752+000 | .51010+000 |
| 3                  | .88814+000   | .87799+000 | .86767+000 | .85723+000 | .84667+000 |
| 4                  | .99328+000   | .98092+000 | .97840+000 | .97571+000 | .97288+000 |
| 5                  | .99850+000   | .99821+000 | .99798+000 | .99752+000 | .99711+000 |
| 6                  | .99991+000   | .99989+000 | .99987+000 | .99984+000 | .99980+000 |
| 7                  | 1.00000      | 1.00000    | .99999+000 | .99999+000 | .99999+000 |
| 8                  |              |            | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .12164+003 | .13668+003 | .15305+003 | .17025+003 | .19016+003 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 0 U3 = 0

| THETA = | .25000+002   | .30000+002 | .35000+002 | .40000+002 | .45000+002 |
|---------|--------------|------------|------------|------------|------------|
| -I-     |              |            | SUM-P(I)   |            |            |
| 0       | .47376-002   | .29130-002 | .18796-002 | .12593-002 | .86967-003 |
| 1       | .12318+000   | .90302-001 | .67665-001 | .51631-001 | .40005-001 |
| 2       | .49331+000   | .41801+000 | .35548+000 | .30349+000 | .26014+000 |
| 3       | .83602+000   | .78214+000 | .72857+000 | .67661+000 | .62703+000 |
| 4       | .96989+000   | .95282+000 | .93260+000 | .90981+000 | .88501+000 |
| 5       | .99666+000   | .99378+000 | .98973+000 | .98444+000 | .97788+000 |
| 6       | .99976+000   | .99947+000 | .99899+000 | .99826+000 | .99722+000 |
| 7       | .99999+000   | .99997+000 | .99993+000 | .99987+000 | .99976+000 |
| 8       | 1.00000      | 1.00000    | 1.00000    | .99999+000 | .99999+000 |
| 9       |              |            |            | 1.00000    | 1.00000    |
| H       | = .21108+003 | .34329+003 | .53203+003 | .79410+003 | .11499+004 |
| THETA = | .50000+002   | .55000+002 | .60000+002 | .65000+002 | .70000+002 |
| -I-     |              |            | SUM-P(I)   |            |            |
| 0       | .61585-003   | .44543-003 | .32807-003 | .24546-003 | .18621-003 |
| 1       | .31408-001   | .24944-001 | .20012-001 | .16200-001 | .13221-001 |
| 2       | .22386+000   | .19337+000 | .16764+000 | .14583+000 | .12728+000 |
| 3       | .58026+000   | .53647+000 | .49571+000 | .45792+000 | .42298+000 |
| 4       | .85869+000   | .83132+000 | .80327+000 | .77488+000 | .74640+000 |
| 5       | .97007+000   | .96105+000 | .95090+000 | .93970+000 | .92752+000 |
| 6       | .99585+000   | .99409+000 | .99191+000 | .98929+000 | .98621+000 |
| 7       | .99961+000   | .99939+000 | .99909+000 | .99869+000 | .99819+000 |
| 8       | .99997+000   | .99995+000 | .99993+000 | .99989+000 | .99983+000 |
| 9       | 1.00000      | 1.00000    | 1.00000    | .99999+000 | .99999+000 |
| 10      |              |            |            | 1.00000    | 1.00000    |
| H       | = .16238+004 | .22450+004 | .30482+004 | .40740+004 | .53702+004 |
| THETA = | .75000+002   | .80000+002 | .85000+002 | .90000+002 | .95000+002 |
| -I-     |              |            | SUM-P(I)   |            |            |
| 0       | .14301-003   | .11104-003 | .87079-004 | .68900-004 | .54963-004 |
| 1       | .10869-001   | .89946-002 | .74898-002 | .62699-002 | .52765-002 |
| 2       | .11142+000   | .97830-001 | .86132-001 | .76031-001 | .67282-001 |
| 3       | .39074+000   | .36105+000 | .33371+000 | .30857+000 | .28545+000 |
| 4       | .71807+000   | .69007+000 | .66253+000 | .63558+000 | .60929+000 |
| 5       | .91447+000   | .90064+000 | .88613+000 | .87102+000 | .85541+000 |
| 6       | .99266+000   | .97863+000 | .97411+000 | .96912+000 | .96366+000 |
| 7       | .99757+000   | .99682+000 | .99592+000 | .99496+000 | .99364+000 |
| 8       | .99976+000   | .99966+000 | .99954+000 | .99939+000 | .99920+000 |
| 9       | .99998+000   | .99997+000 | .99996+000 | .99995+000 | .99993+000 |
| 10      | 1.00000      | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 11      |              |            |            |            | 1.00000    |
| H       | = .69924+004 | .90054+004 | .11484+005 | .14514+005 | .18194+005 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 0 U3 = 0

THE TAU = .10000+003

| -I- |              | SUM-P(I) |  |  |  |  |  |  |  |  |  |
|-----|--------------|----------|--|--|--|--|--|--|--|--|--|
| 0   | .44174-004   |          |  |  |  |  |  |  |  |  |  |
| 1   | .44616-002   |          |  |  |  |  |  |  |  |  |  |
| 2   | .59680-001   |          |  |  |  |  |  |  |  |  |  |
| 3   | .26419+000   |          |  |  |  |  |  |  |  |  |  |
| 4   | .58374+000   |          |  |  |  |  |  |  |  |  |  |
| 5   | .83938+000   |          |  |  |  |  |  |  |  |  |  |
| 6   | .95773+000   |          |  |  |  |  |  |  |  |  |  |
| 7   | .99224+000   |          |  |  |  |  |  |  |  |  |  |
| 8   | .99898+000   |          |  |  |  |  |  |  |  |  |  |
| 9   | .99990+000   |          |  |  |  |  |  |  |  |  |  |
| 10  | .99999+000   |          |  |  |  |  |  |  |  |  |  |
| 11  | 1.00000      |          |  |  |  |  |  |  |  |  |  |
| H   | = .22637+005 |          |  |  |  |  |  |  |  |  |  |

U2 = 1 U3 = 0

THE TAU = .00000+000 .10000-001 .20000-001 .30000-001 .40000-001

| -I- |              | SUM-P(I)   |            |            |            |  |  |  |  |  |  |
|-----|--------------|------------|------------|------------|------------|--|--|--|--|--|--|
| 0   | 1.00000      | .99502+000 | .99008+000 | .98519+000 | .98033+000 |  |  |  |  |  |  |
| 1   |              | 1.00000    | .99998+000 | .99996+000 | .99993+000 |  |  |  |  |  |  |
| 2   |              |            | 1.00000    | 1.00000    | 1.00000    |  |  |  |  |  |  |
| H   | = .10000+001 | .10050+001 | .10100+001 | .10150+001 | .10201+001 |  |  |  |  |  |  |

THE TAU = .50000-001 .60000-001 .70000-001 .80000-001 .90000-001

| -I- |              | SUM-P(I)   |            |            |            |  |  |  |  |  |  |
|-----|--------------|------------|------------|------------|------------|--|--|--|--|--|--|
| 0   | .97551+000   | .97073+000 | .96599+000 | .96129+000 | .95663+000 |  |  |  |  |  |  |
| 1   | .99990+000   | .99985+000 | .99980+000 | .99974+000 | .99968+000 |  |  |  |  |  |  |
| 2   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |  |  |  |  |  |  |
| H   | = .10251+001 | .10301+001 | .10352+001 | .10403+001 | .10453+001 |  |  |  |  |  |  |

THE TAU = .10000+000 .11000+000 .12000+000 .13000+000 .14000+000

| -I- |              | SUM-P(I)   |            |            |            |  |  |  |  |  |  |
|-----|--------------|------------|------------|------------|------------|--|--|--|--|--|--|
| 0   | .95200+000   | .94741+000 | .94286+000 | .93834+000 | .93386+000 |  |  |  |  |  |  |
| 1   | .99960+000   | .99952+000 | .99943+000 | .99934+000 | .99923+000 |  |  |  |  |  |  |
| 2   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |  |  |  |  |  |  |
| H   | = .10504+001 | .10555+001 | .10606+001 | .10657+001 | .10708+001 |  |  |  |  |  |  |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1 U3 = 0

| THETA = .15000+000 |              | .16000+000    | .17000+000 | .18000+000 | .19000+000 |
|--------------------|--------------|---------------|------------|------------|------------|
| -----              |              | SUM-P(I)----- | -----      | -----      | -----      |
| 0                  | .92942+000   | .92501+000    | .92063+000 | .91629+000 | .91198+000 |
| 1                  | .99913+000   | .99901+000    | .99889+000 | .99876+000 | .99862+000 |
| 2                  | 1.00000      | 1.00000       | .99999+000 | .99999+000 | .99999+000 |
| 3                  |              |               | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .10759+001 | .10811+001    | .10862+001 | .10914+001 | .10965+001 |
| THETA = .20000+000 |              | .21000+000    | .22000+000 | .23000+000 | .24000+000 |
| -----              |              | SUM-P(I)----- | -----      | -----      | -----      |
| 0                  | .90771+000   | .90347+000    | .89926+000 | .89508+000 | .89094+000 |
| 1                  | .99848+000   | .99833+000    | .99818+000 | .99801+000 | .99785+000 |
| 2                  | .99999+000   | .99999+000    | .99999+000 | .99999+000 | .99999+000 |
| 3                  | 1.00000      | 1.00000       | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .11017+001 | .11068+001    | .11120+001 | .11172+001 | .11224+001 |
| THETA = .25000+000 |              | .26000+000    | .27000+000 | .28000+000 | .29000+000 |
| -----              |              | SUM-P(I)----- | -----      | -----      | -----      |
| 0                  | .88682+000   | .88274+000    | .87869+000 | .87467+000 | .87068+000 |
| 1                  | .99767+000   | .99750+000    | .99731+000 | .99712+000 | .99692+000 |
| 2                  | .99998+000   | .99998+000    | .99998+000 | .99999+000 | .99998+000 |
| 3                  | 1.00000      | 1.00000       | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .11276+001 | .11328+001    | .11381+001 | .11433+001 | .11485+001 |
| THETA = .30000+000 |              | .31000+000    | .32000+000 | .33000+000 | .34000+000 |
| -----              |              | SUM-P(I)----- | -----      | -----      | -----      |
| 0                  | .86672+000   | .86278+000    | .85888+000 | .85501+000 | .85116+000 |
| 1                  | .99672+000   | .99652+000    | .99630+000 | .99608+000 | .99586+000 |
| 2                  | .99997+000   | .99997+000    | .99997+000 | .99996+000 | .99996+000 |
| 3                  | 1.00000      | 1.00000       | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .11538+001 | .11590+001    | .11643+001 | .11696+001 | .11749+001 |
| THETA = .35000+000 |              | .36000+000    | .37000+000 | .38000+000 | .39000+000 |
| -----              |              | SUM-P(I)----- | -----      | -----      | -----      |
| 0                  | .84735+000   | .84356+000    | .83980+000 | .83606+000 | .83236+000 |
| 1                  | .99563+000   | .99540+000    | .99516+000 | .99492+000 | .99467+000 |
| 2                  | .99996+000   | .99995+000    | .99995+000 | .99995+000 | .99994+000 |
| 3                  | 1.00000      | 1.00000       | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .11802+001 | .11855+001    | .11908+001 | .11961+001 | .12014+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = I U3 = 0

| THETA = .15000+000 .16000+000 .17000+000 .18000+000 .19000+000 |            |            |            |            |            |
|--|------------|------------|------------|------------|------------|
| -I-----SUM-P(I)-----   |            |            |            |            |            |
| 0  | .92942+000 | .92501+000 | .92063+000 | .91629+000 | .91198+000 |
| 1  | .99913+000 | .99901+000 | .99889+000 | .99876+000 | .99862+000 |
| 2  | 1.00000    | 1.00000    | .99999+000 | .99999+000 | .99999+000 |
| 3  |            |            | 1.00000    | 1.00000    | 1.00000    |
| H =  | .10759+001 | .10811+001 | .10862+001 | .10914+001 | .10965+001 |
| THETA = .20000+000 .21000+000 .22000+000 .23000+000 .24000+000 |            |            |            |            |            |
| -I-----SUM-P(I)-----   |            |            |            |            |            |
| 0  | .90771+000 | .90347+000 | .89926+000 | .89508+000 | .89094+000 |
| 1  | .99848+000 | .99833+000 | .99818+000 | .99801+000 | .99785+000 |
| 2  | .99999+000 | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 3  | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =  | .11017+001 | .11068+001 | .11120+001 | .11172+001 | .11224+001 |
| THETA = .25000+000 .26000+000 .27000+000 .28000+000 .29000+000 |            |            |            |            |            |
| -I-----SUM-P(I)-----   |            |            |            |            |            |
| 0  | .88682+000 | .88274+000 | .87869+000 | .87467+000 | .87068+000 |
| 1  | .99767+000 | .99750+000 | .99731+000 | .99712+000 | .99692+000 |
| 2  | .99998+000 | .99998+000 | .99998+000 | .99999+000 | .99998+000 |
| 3  | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =  | .11276+001 | .11328+001 | .11381+001 | .11433+001 | .11485+001 |
| THETA = .30000+000 .31000+000 .32000+000 .33000+000 .34000+000 |            |            |            |            |            |
| -I-----SUM-P(I)-----   |            |            |            |            |            |
| 0  | .86672+000 | .86278+000 | .85888+000 | .85501+000 | .85116+000 |
| 1  | .99672+000 | .99652+000 | .99630+000 | .99608+000 | .99586+000 |
| 2  | .99997+000 | .99997+000 | .99997+000 | .99996+000 | .99996+000 |
| 3  | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =  | .11538+001 | .11590+001 | .11643+001 | .11696+001 | .11749+001 |
| THETA = .35000+000 .36000+000 .37000+000 .38000+000 .39000+000 |            |            |            |            |            |
| -I-----SUM-P(I)-----   |            |            |            |            |            |
| 0  | .84735+000 | .84356+000 | .83980+000 | .83606+000 | .83236+000 |
| 1  | .99563+000 | .99540+000 | .99516+000 | .99492+000 | .99467+000 |
| 2  | .99996+000 | .99995+000 | .99995+000 | .99995+000 | .99994+000 |
| 3  | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =  | .11802+001 | .11855+001 | .11908+001 | .11961+001 | .12014+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 1 U3 = 0

| THE TA = .40000+000 |              | .41000+000 | .42000+000 | .43000+000 | .44000+000 |
|---------------------|--------------|------------|------------|------------|------------|
| -I-                 |              | SUM-P(I)   |            |            |            |
| 0                   | .82868+000   | .82503+000 | .82140+000 | .81780+000 | .81422+000 |
| 1                   | .99441+000   | .99416+000 | .99389+000 | .99362+000 | .99335+000 |
| 2                   | .99994+000   | .99993+000 | .99993+000 | .99992+000 | .99992+000 |
| 3                   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                   | = .12067+001 | .12121+001 | .12174+001 | .12228+001 | .12282+001 |
| THE TA = .45000+000 |              | .46000+000 | .47000+000 | .48000+000 | .49000+000 |
| -I-                 |              | SUM-P(I)   |            |            |            |
| 0                   | .81067+000   | .80715+000 | .80365+000 | .80017+000 | .79672+000 |
| 1                   | .99307+000   | .99279+000 | .99251+000 | .99222+000 | .99192+000 |
| 2                   | .99991+000   | .99991+000 | .99990+000 | .99990+000 | .99989+000 |
| 3                   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                   | = .12335+001 | .12389+001 | .12443+001 | .12497+001 | .12551+001 |
| THE TA = .50000+000 |              | .60000+000 | .70000+000 | .80000+000 | .90000+000 |
| -I-                 |              | SUM-P(I)   |            |            |            |
| 0                   | .79330+000   | .76031+000 | .72949+000 | .70064+000 | .67358+000 |
| 1                   | .99162+000   | .98840+000 | .98481+000 | .98090+000 | .97669+000 |
| 2                   | .99988+000   | .99981+000 | .99971+000 | .99958+000 | .99943+000 |
| 3                   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 4                   |              |            |            |            | 1.00000    |
| H                   | = .12606+001 | .13153+001 | .13708+001 | .14273+001 | .14846+001 |
| THE TA = .10000+001 |              | .11000+001 | .12000+001 | .13000+001 | .14000+001 |
| -I-                 |              | SUM-P(I)   |            |            |            |
| 0                   | .64816+000   | .62423+000 | .60167+000 | .58038+000 | .56026+000 |
| 1                   | .97223+000   | .96755+000 | .96268+000 | .95763+000 | .95244+000 |
| 2                   | .99924+000   | .99903+000 | .99878+000 | .99850+000 | .99819+000 |
| 3                   | .99999+000   | .99999+000 | .99998+000 | .99998+000 | .99997+000 |
| 4                   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                   | = .15428+001 | .16020+001 | .16620+001 | .17230+001 | .17849+001 |
| THE TA = .15000+001 |              | .16000+001 | .17000+001 | .18000+001 | .19000+001 |
| -I-                 |              | SUM-P(I)   |            |            |            |
| 0                   | .54120+000   | .52315+000 | .50602+000 | .48974+000 | .47426+000 |
| 1                   | .94711+000   | .94167+000 | .93613+000 | .93050+000 | .92481+000 |
| 2                   | .99785+000   | .99747+000 | .99706+000 | .99662+000 | .99614+000 |
| 3                   | .99996+000   | .99995+000 | .99994+000 | .99992+000 | .99991+000 |
| 4                   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                   | = .18477+001 | .19115+001 | .19762+001 | .20419+001 | .21085+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 1 U3 = 0

THETA = .20000+001 .21000+001 .22000+001 .23000+001 .24000+001

| -I- |   | SUM-P(I)   |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| 0   |   | .45952+000 | .44548+000 | .43209+000 | .41930+000 | .40709+000 |
| 1   |   | .91905+000 | .91324+000 | .90739+000 | .90150+000 | .89559+000 |
| 2   |   | .99564+000 | .99510+000 | .99453+000 | .99392+000 | .99329+000 |
| 3   |   | .99989+000 | .99987+000 | .99985+000 | .99983+000 | .99980+000 |
| 4   |   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = | .21762+001 | .22448+001 | .23143+001 | .23849+001 | .24565+001 |

THETA = .25000+001 .26000+001 .27000+001 .28000+001 .29000+001

| -I- |   | SUM-P(I)   |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| 0   |   | .39540+000 | .38422+000 | .37351+000 | .36324+000 | .35340+000 |
| 1   |   | .88965+000 | .88370+000 | .87775+000 | .87178+000 | .86582+000 |
| 2   |   | .99262+000 | .99193+000 | .99120+000 | .99044+000 | .98966+000 |
| 3   |   | .99977+000 | .99974+000 | .99971+000 | .99967+000 | .99963+000 |
| 4   |   | 1.00000    | 1.00000    | .99999+000 | .99999+000 | .99999+000 |
| 5   |   |            |            | 1.00000    | 1.00000    | 1.00000    |
| H   | = | .25291+001 | .26027+001 | .26773+001 | .27530+001 | .28297+001 |

THETA = .30000+001 .31000+001 .32000+001 .33000+001 .34000+001

| -I- |   | SUM-P(I)   |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| 0   |   | .34394+000 | .33487+000 | .32614+000 | .31775+000 | .30968+000 |
| 1   |   | .85986+000 | .85391+000 | .84797+000 | .84205+000 | .83614+000 |
| 2   |   | .98884+000 | .98800+000 | .98713+000 | .98623+000 | .98530+000 |
| 3   |   | .99959+000 | .99954+000 | .99949+000 | .99944+000 | .99939+000 |
| 4   |   | .99999+000 | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 5   |   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = | .29074+001 | .29863+001 | .30661+001 | .31471+001 | .32291+001 |

THETA = .35000+001 .36000+001 .37000+001 .38000+001 .39000+001

| -I- |   | SUM-P(I)   |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| 0   |   | .30191+000 | .29442+000 | .28721+000 | .28025+000 | .27353+000 |
| 1   |   | .83025+000 | .82438+000 | .81854+000 | .81272+000 | .80693+000 |
| 2   |   | .98435+000 | .98337+000 | .98236+000 | .98133+000 | .98028+000 |
| 3   |   | .99933+000 | .99927+000 | .99920+000 | .99913+000 | .99906+000 |
| 4   |   | .99998+000 | .99998+000 | .99998+000 | .99998+000 | .99998+000 |
| 5   |   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = | .33123+001 | .33965+001 | .34818+001 | .35683+001 | .36558+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1 U3 = C

THETA = .40000+001 .41000+001 .42000+001 .43000+001 .44000+001

| -I- ----- SUM-P(I) ----- |            |            |            |            |            |
|--------------------------|------------|------------|------------|------------|------------|
| 0                        | .26706+000 | .26080+000 | .25475+000 | .24891+000 | .24326+000 |
| 1                        | .80117+000 | .79543+000 | .78973+000 | .78406+000 | .77843+000 |
| 2                        | .97920+000 | .97810+000 | .97698+000 | .97583+000 | .97466+000 |
| 3                        | .99898+000 | .99890+000 | .99882+000 | .99873+000 | .99864+000 |
| 4                        | .99997+000 | .99997+000 | .99997+000 | .99996+000 | .99996+000 |
| 5                        | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =                      | .37445+001 | .38344+001 | .39254+001 | .40175+001 | .41108+001 |

THETA = .45000+001 .46000+001 .47000+001 .48000+001 .49000+001

| -I- ----- SUM-P(I) ----- |            |            |            |            |            |
|--------------------------|------------|------------|------------|------------|------------|
| 0                        | .23779+000 | .23250+000 | .22738+000 | .22242+000 | .21762+000 |
| 1                        | .77283+000 | .76726+000 | .76173+000 | .75624+000 | .75078+000 |
| 2                        | .97347+000 | .97225+000 | .97102+000 | .96977+000 | .96849+000 |
| 3                        | .99855+000 | .99845+000 | .99834+000 | .99824+000 | .99812+000 |
| 4                        | .99996+000 | .99995+000 | .99995+000 | .99994+000 | .99994+000 |
| 5                        | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =                      | .42053+001 | .43010+001 | .43979+001 | .44959+001 | .45952+001 |

THETA = .50000+001 .52000+001 .54000+001 .56000+001 .58000+001

| -I- ----- SUM-P(I) ----- |            |            |            |            |            |
|--------------------------|------------|------------|------------|------------|------------|
| 0                        | .21296+000 | .20407+000 | .19569+000 | .18780+000 | .18036+000 |
| 1                        | .74536+000 | .73464+000 | .72407+000 | .71366+000 | .70340+000 |
| 2                        | .96720+000 | .96455+000 | .96184+000 | .95905+000 | .95620+000 |
| 3                        | .99801+000 | .99776+000 | .99750+000 | .99723+000 | .99693+000 |
| 4                        | .99993+000 | .99992+000 | .99991+000 | .99990+000 | .99988+000 |
| 5                        | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =                      | .46957+001 | .49004+001 | .51100+001 | .53247+001 | .55445+001 |

THETA = .60000+001 .62000+001 .64000+001 .66000+001 .68000+001

| -I- ----- SUM-P(I) ----- |            |            |            |            |            |
|--------------------------|------------|------------|------------|------------|------------|
| 0                        | .17332+000 | .15667+000 | .16037+000 | .15441+000 | .14874+000 |
| 1                        | .69330+000 | .68336+000 | .67357+000 | .66394+000 | .65447+000 |
| 2                        | .95329+000 | .95031+000 | .94728+000 | .94419+000 | .94105+000 |
| 3                        | .99662+000 | .99629+000 | .99594+000 | .99557+000 | .99518+000 |
| 4                        | .99987+000 | .99985+000 | .99983+000 | .99981+000 | .99979+000 |
| 5                        | 1.00000    | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 6                        |            |            |            |            | 1.00000    |
| H =                      | .57695+001 | .59998+001 | .62354+001 | .64764+001 | .67230+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 1 U3 = 0

THETA= .70000+001 .72000+001 .74000+001 .76000+001 .78000+001

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .14337+000   | .13826+000 | .13340+000 | .12877+000 | .12437+000 |
| 1   | .64516+000   | .63599+000 | .62698+000 | .61812+000 | .60940+000 |
| 2   | .33787+000   | .93463+000 | .93135+000 | .92803+000 | .92467+000 |
| 3   | .99478+000   | .99436+000 | .99392+000 | .99346+000 | .99298+000 |
| 4   | .99976+000   | .99973+000 | .99971+000 | .99968+000 | .99964+000 |
| 5   | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 6   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .69751+001 | .72328+001 | .74963+001 | .77655+001 | .80407+001 |

THETA= .80000+001 .82000+001 .84000+001 .86000+001 .88000+001

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .12017+000   | .11616+000 | .11233+000 | .10868+000 | .10518+000 |
| 1   | .60083+000   | .59241+000 | .58413+000 | .57598+000 | .56798+000 |
| 2   | .92178+000   | .91785+000 | .91438+000 | .91088+000 | .90736+000 |
| 3   | .99249+000   | .99197+000 | .99144+000 | .99089+000 | .99032+000 |
| 4   | .99961+000   | .99957+000 | .99953+000 | .99949+000 | .99945+000 |
| 5   | .99999+000   | .99999+000 | .99998+000 | .99998+000 | .99998+000 |
| 6   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .83218+001 | .86089+001 | .89022+001 | .92017+001 | .95074+001 |

THETA= .90000+001 .92000+001 .94000+001 .96000+001 .98000+001

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .10184+000   | .98637-001 | .95572-001 | .92635-001 | .89819-001 |
| 1   | .56011+000   | .55237+000 | .54476+000 | .53728+000 | .52993+000 |
| 2   | .90381+000   | .90023+000 | .89663+000 | .89300+000 | .88936+000 |
| 3   | .98973+000   | .98913+000 | .98850+000 | .98786+000 | .98720+000 |
| 4   | .99940+000   | .99935+000 | .99930+000 | .99924+000 | .99919+000 |
| 5   | .99998+000   | .99998+000 | .99997+000 | .99997+000 | .99997+000 |
| 6   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .98196+001 | .10138+002 | .10463+002 | .10795+002 | .11134+002 |

THETA= .10000+002 .10200+002 .10400+002 .10600+002 .10800+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .87117-001   | .84524-001 | .82034-001 | .79641-001 | .77342-001 |
| 1   | .52270+000   | .51560+000 | .50861+000 | .50174+000 | .49499+000 |
| 2   | .88569+000   | .83201+000 | .87831+000 | .87460+000 | .87087+000 |
| 3   | .98652+000   | .98583+000 | .98511+000 | .98438+000 | .98303+000 |
| 4   | .99913+000   | .99906+000 | .99900+000 | .99893+000 | .99886+000 |
| 5   | .99997+000   | .99996+000 | .99996+000 | .99996+000 | .99995+000 |
| 6   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .11479+002 | .11831+002 | .12190+002 | .12556+002 | .12930+002 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 1 U3 = 0

THETA= .11000+002 .11200+002 .11400+002 .11600+002 .11800+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .75130-001   | .73002-001 | .70955-001 | .68982-001 | .67083-001 |
| 1   | .48835+000   | .48182+000 | .47540+000 | .46908+000 | .46287+000 |
| 2   | .86713+000   | .86338+000 | .85961+000 | .85584+000 | .85206+000 |
| 3   | .99287+000   | .99208+000 | .98128+000 | .98047+000 | .97963+000 |
| 4   | .99878+000   | .99870+000 | .99862+000 | .99854+000 | .99845+000 |
| 5   | .99995+000   | .99994+000 | .99994+000 | .99993+000 | .99993+000 |
| 6   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .13310+002 | .13698+002 | .14094+002 | .14496+002 | .14907+002 |

THETA= .12000+002 .12200+002 .12400+002 .12600+002 .12800+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .65252-001   | .63487-001 | .61785-001 | .60143-001 | .58558-001 |
| 1   | .45676+000   | .45076+000 | .44485+000 | .43904+000 | .43333+000 |
| 2   | .84828+000   | .84448+000 | .84069+000 | .83689+000 | .83308+000 |
| 3   | .97878+000   | .97791+000 | .97703+000 | .97613+000 | .97522+000 |
| 4   | .99836+000   | .99826+000 | .99816+000 | .99806+000 | .99796+000 |
| 5   | .99992+000   | .99992+000 | .99991+000 | .99990+000 | .99990+000 |
| 6   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .15325+002 | .15751+002 | .16185+002 | .16627+002 | .17077+002 |

THETA= .13000+002 .13200+002 .13400+002 .13600+002 .13800+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .57027-001   | .55549-001 | .54122-001 | .52742-001 | .51407-001 |
| 1   | .42771+000   | .42218+000 | .41674+000 | .41138+000 | .40612+000 |
| 2   | .82927+000   | .82546+000 | .82166+000 | .81785+000 | .81404+000 |
| 3   | .97428+000   | .97334+000 | .97238+000 | .97140+000 | .97040+000 |
| 4   | .99785+000   | .99774+000 | .99762+000 | .99750+000 | .99738+000 |
| 5   | .99989+000   | .99988+000 | .99988+000 | .99987+000 | .99986+000 |
| 6   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .17535+002 | .18002+002 | .18477+002 | .18960+002 | .19452+002 |

THETA= .14000+002 .14200+002 .14400+002 .14600+002 .14800+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .50117-001   | .48869-001 | .47661-001 | .46492-001 | .45361-001 |
| 1   | .40094+000   | .39584+000 | .39082+000 | .38589+000 | .38103+000 |
| 2   | .81023+000   | .80642+000 | .80262+000 | .79882+000 | .79502+000 |
| 3   | .96940+000   | .96837+000 | .96734+000 | .96628+000 | .96522+000 |
| 4   | .99725+000   | .99712+000 | .99698+000 | .99685+000 | .99670+000 |
| 5   | .99985+000   | .99984+000 | .99983+000 | .99982+000 | .99981+000 |
| 6   | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 7   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .19953+002 | .20463+002 | .20981+002 | .21509+002 | .22046+002 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIRUTION

U2 = 1 U3 = 0

THETA= .15000+002 .15500+002 .16000+002 .16500+002 .17000+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .44265-001   | .41671-001 | .39272-001 | .37049-001 | .34986-001 |
| 1   | .37625+000   | .36462+000 | .35345+000 | .34270+000 | .33237+000 |
| 2   | .79123+000   | .78177+000 | .77235+000 | .76298+000 | .75365+000 |
| 3   | .96414+000   | .96138+000 | .95853+000 | .95560+000 | .95260+000 |
| 4   | .99656+000   | .99617+000 | .99577+000 | .99533+000 | .99487+000 |
| 5   | .99980+000   | .99977+000 | .99974+000 | .99970+000 | .99966+000 |
| 6   | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 7   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .22591+002 | .23997+002 | .25453+002 | .26991+002 | .28583+002 |

THETA= .17500+002 .18000+002 .18500+002 .19000+002 .19500+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .33069-001   | .31285-001 | .29622-001 | .28071-001 | .26623-001 |
| 1   | .32242+000   | .31285+000 | .30363+000 | .29475+000 | .28620+000 |
| 2   | .74439+000   | .73519+000 | .72605+000 | .71699+000 | .70800+000 |
| 3   | .94951+000   | .94636+000 | .94313+000 | .93984+000 | .93645+000 |
| 4   | .99438+000   | .99387+000 | .99333+000 | .99277+000 | .99217+000 |
| 5   | .99962+000   | .99957+000 | .99952+000 | .99947+000 | .99941+000 |
| 6   | .99998+000   | .99998+000 | .99998+000 | .99997+000 | .99997+000 |
| 7   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .30240+002 | .31965+002 | .33758+002 | .35623+002 | .37562+002 |

THETA= .20000+002 .21000+002 .22000+002 .23000+002 .24000+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .25268-001   | .22812-001 | .20651-001 | .18743-001 | .17052-001 |
| 1   | .27795+000   | .26234+000 | .24782+000 | .23429+000 | .22167+000 |
| 2   | .69909+000   | .68152+000 | .66429+000 | .64741+000 | .63091+000 |
| 3   | .93306+000   | .92604+000 | .91880+000 | .91135+000 | .90373+000 |
| 4   | .99155+000   | .99022+000 | .98879+000 | .98724+000 | .98558+000 |
| 5   | .99935+000   | .99921+000 | .99905+000 | .99887+000 | .99867+000 |
| 6   | .99997+000   | .99996+000 | .99995+000 | .99994+000 | .99992+000 |
| 7   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .39575+002 | .43836+002 | .48423+002 | .53353+002 | .58646+002 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 1 U3 = 0

| THETA = | .25000+002 | .30000+002 | .35000+002 | .40000+002 | .45000+002 |
|---------|------------|------------|------------|------------|------------|
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .15547-001 | .10089-001 | .68161-002 | .47530-002 | .34009-002 |
| 1       | .20989+000 | .16143+000 | .12610+000 | .99813-001 | .79921-001 |
| 2       | .61477+000 | .53978+000 | .47400+000 | .41668+000 | .36687+000 |
| 3       | .89594+000 | .85508+000 | .81224+000 | .76875+000 | .72556+000 |
| 4       | .98381+000 | .97331+000 | .96022+000 | .94479+000 | .92732+000 |
| 5       | .99845+000 | .99696+000 | .99475+000 | .99173+000 | .98785+000 |
| 6       | .99990+000 | .99977+000 | .99954+000 | .99918+000 | .99866+000 |
| 7       | 1.00000    | .99999+000 | .99997+000 | .99994+000 | .99990+000 |
| 8       |            | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 9       |            |            |            |            | 1.00000    |
| H =     | .64319+002 | .99114+002 | .14671+003 | .21039+003 | .29404+003 |
| THETA = | .50000+002 | .55000+002 | .60000+002 | .65000+002 | .70000+002 |
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .24862-002 | .18509-002 | .13998-002 | .10732-002 | .83280-003 |
| 1       | .64641-001 | .52752-001 | .43393-001 | .35952-001 | .29981-001 |
| 2       | .32362+000 | .28605+000 | .25336+000 | .22488+000 | .20001+000 |
| 3       | .68331+000 | .64247+000 | .60331+000 | .56600+000 | .53063+000 |
| 4       | .90812+000 | .88751+000 | .86576+000 | .84315+000 | .81991+000 |
| 5       | .98306+000 | .97736+000 | .97075+000 | .96326+000 | .95491+000 |
| 6       | .99793+000 | .99697+000 | .99574+000 | .99423+000 | .99241+000 |
| 7       | .99982+000 | .99972+000 | .99957+000 | .99937+000 | .99911+000 |
| 8       | .99999+000 | .99998+000 | .99997+000 | .99995+000 | .99992+000 |
| 9       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .40222+003 | .54027+003 | .71440+003 | .93180+003 | .12008+004 |
| THETA = | .75000+002 | .80000+002 | .85000+002 | .90000+002 | .95000+002 |
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .65324-003 | .51737-003 | .41334-003 | .33286-003 | .26999-003 |
| 1       | .25150-001 | .21212-001 | .17980-001 | .15311-001 | .13095-001 |
| 2       | .17825+000 | .15918+000 | .14241+000 | .12765+000 | .11462+000 |
| 3       | .49722+000 | .46577+000 | .43621+000 | .40850+000 | .38255+000 |
| 4       | .79625+000 | .77236+000 | .74838+000 | .72446+000 | .70070+000 |
| 5       | .94577+000 | .93587+000 | .92527+000 | .91403+000 | .90220+000 |
| 6       | .99027+000 | .98778+000 | .98494+000 | .98173+000 | .97817+000 |
| 7       | .99878+000 | .99837+000 | .99787+000 | .99728+000 | .99657+000 |
| 8       | .99989+000 | .99984+000 | .99978+000 | .99971+000 | .99961+000 |
| 9       | .99999+000 | .99999+000 | .99998+000 | .99998+000 | .99997+000 |
| 10      | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .15308+004 | .19329+004 | .24193+004 | .30043+004 | .37038+004 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSSEL DISTRIBUTION

$U_2 = 1$     $U_3 = 0$

THETA = .10000+003

| -I- |              | SUM-P(I) |  |  |  |  |
|-----|--------------|----------|--|--|--|--|
| 0   | .22046-003   |          |  |  |  |  |
| 1   | .11243-001   |          |  |  |  |  |
| 2   | .10310+000   |          |  |  |  |  |
| 3   | .35826+000   |          |  |  |  |  |
| 4   | .67722+000   |          |  |  |  |  |
| 5   | .88985+000   |          |  |  |  |  |
| 6   | .97423+000   |          |  |  |  |  |
| 7   | .99576+000   |          |  |  |  |  |
| 8   | .99949+000   |          |  |  |  |  |
| 9   | .99996+000   |          |  |  |  |  |
| 10  | 1.00000      |          |  |  |  |  |
| H   | = .45360+004 |          |  |  |  |  |

$U_2 = 1$     $U_3 = 1$

THETA = .00000+000   .10000-001   .20000-001   .30000-001   .40000-001

| -I- |              | SUM-P(I)   |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | 1.00000      | .99750+000 | .99502+000 | .99254+000 | .99008+000 |  |
| 1   |              | 1.00000    | .99999+000 | .99999+000 | .99998+000 |  |
| 2   |              |            | 1.00000    | 1.00000    | 1.00000    |  |
| H   | = .10000+001 | .10025+001 | .10050+001 | .10075+001 | .10100+001 |  |

THETA = .50000-001   .60000-001   .70000-001   .80000-001   .90000-001

| -I- |              | SUM-P(I)   |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | .98762+000   | .98517+000 | .98274+000 | .98031+000 | .97789+000 |  |
| 1   | .99997+000   | .99995+000 | .99993+000 | .99991+000 | .99989+000 |  |
| 2   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |  |
| H   | = .10125+001 | .10150+001 | .10176+001 | .10201+001 | .10226+001 |  |

THETA = .10000+000   .11000+000   .12000+000   .13000+000   .14000+000

| -I- |              | SUM-P(I)   |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | .97548+000   | .97308+000 | .97068+000 | .96830+000 | .96593+000 |  |
| 1   | .99996+000   | .99984+000 | .99981+000 | .99977+000 | .99974+000 |  |
| 2   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |  |
| H   | = .10251+001 | .10277+001 | .10302+001 | .10327+001 | .10353+001 |  |

THETA = .15000+000   .16000+000   .17000+000   .18000+000   .19000+000

| -I- |              | SUM-P(I)   |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | .96356+000   | .96121+000 | .95886+000 | .95652+000 | .95420+000 |  |
| 1   | .99970+000   | .99966+000 | .99961+000 | .99957+000 | .99952+000 |  |
| 2   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |  |
| H   | = .10378+001 | .10404+001 | .10429+001 | .10455+001 | .10480+001 |  |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1 U3 = 1

THETA= .20000+000 .21000+000 .22000+000 .23000+000 .24000+000  
 -I-----SUM-P(I)-----  
 0 .95188+000 .94956+000 .94726+000 .94497+000 .94268+000  
 1 .99947+000 .99942+000 .99936+000 .99930+000 .99924+000  
 2 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .10506+001 .10531+001 .10557+001 .10582+001 .10608+001

THETA= .25000+000 .26000+000 .27000+000 .28000+000 .29000+000  
 -I-----SUM-P(I)-----  
 0 .94040+000 .93814+000 .93588+000 .93362+000 .93138+000  
 1 .99918+000 .99911+000 .99905+000 .99898+000 .99891+000  
 2 1.00000 1.00000 1.00000 1.00000 1.00000  
 3 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .10634+001 .10659+001 .10685+001 .10711+001 .10737+001

THETA= .30000+000 .31000+000 .32000+000 .33000+000 .34000+000  
 -I-----SUM-P(I)-----  
 0 .92915+000 .92692+000 .92470+000 .92249+000 .92029+000  
 1 .99883+000 .99875+000 .99868+000 .99860+000 .99851+000  
 2 .99999+000 .99999+000 .99999+000 .99999+000 .99999+000  
 3 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .10763+001 .10788+001 .10814+001 .10840+001 .10866+001

THETA= .35000+000 .36000+000 .37000+000 .38000+000 .39000+000  
 -I-----SUM-P(I)-----  
 0 .91809+000 .91591+000 .91373+000 .91156+000 .90940+000  
 1 .99843+000 .99834+000 .99825+000 .99816+000 .99806+000  
 2 .99999+000 .99999+000 .99999+000 .99999+000 .99998+000  
 3 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .10892+001 .10918+001 .10944+001 .10970+001 .10996+001

THETA= .40000+000 .41000+000 .42000+000 .43000+000 .44000+000  
 -I-----SUM-P(I)-----  
 0 .90724+000 .90510+000 .90296+000 .90083+000 .89870+000  
 1 .99797+000 .99787+000 .99777+000 .99767+000 .99756+000  
 2 .99998+000 .99998+000 .99998+000 .99998+000 .99998+000  
 3 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .11022+001 .11049+001 .11075+001 .11101+001 .11127+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1 U3 = 1

| THETA = | .45000+000 | .46000+000 | .47000+000 | .48000+000 | .49000+000 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .89659+000 | .89448+000 | .89238+000 | .89029+000 | .88820+000 |
| 1       | .99745+000 | .99735+000 | .99724+000 | .99712+000 | .99701+000 |
| 2       | .99998+000 | .99997+000 | .99997+000 | .99997+000 | .99997+000 |
| 3       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .11153+001 | .11180+001 | .11206+001 | .11232+001 | .11259+001 |
| THETA = | .50000+000 | .60000+000 | .70000+000 | .80000+000 | .90000+000 |
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .88613+000 | .86575+000 | .84609+000 | .82710+000 | .80876+000 |
| 1       | .99689+000 | .99562+000 | .99416+000 | .99252+000 | .99073+000 |
| 2       | .99997+000 | .99995+000 | .99992+000 | .99988+000 | .99983+000 |
| 3       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .11285+001 | .11551+001 | .11819+001 | .12090+001 | .12365+001 |
| THETA = | .10000+001 | .11000+001 | .12000+001 | .13000+001 | .14000+001 |
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .79103+000 | .77388+000 | .75729+000 | .74123+000 | .72567+000 |
| 1       | .98878+000 | .98669+000 | .98447+000 | .98212+000 | .97966+000 |
| 2       | .99977+000 | .99970+000 | .99962+000 | .99952+000 | .99942+000 |
| 3       | 1.00000    | 1.00000    | 1.00000    | .99999+000 | .99999+000 |
| 4       |            |            |            | 1.00000    | 1.00000    |
| H =     | .12642+001 | .12922+001 | .13205+001 | .13491+001 | .13780+001 |
| THETA = | .15000+001 | .16000+001 | .17000+001 | .18000+001 | .19000+001 |
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .71061+000 | .69601+000 | .68186+000 | .66813+000 | .65481+000 |
| 1       | .97709+000 | .97441+000 | .97165+000 | .96879+000 | .96584+000 |
| 2       | .99930+000 | .99916+000 | .99901+000 | .99885+000 | .99868+000 |
| 3       | .99999+000 | .99999+000 | .99998+000 | .99998+000 | .99998+000 |
| 4       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .14072+001 | .14368+001 | .14666+001 | .14967+001 | .15272+001 |
| THETA = | .20000+001 | .21000+001 | .22000+001 | .23000+001 | .24000+001 |
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .64188+000 | .62933+000 | .61714+000 | .60530+000 | .59379+000 |
| 1       | .96282+000 | .95973+000 | .95657+000 | .95335+000 | .95006+000 |
| 2       | .99848+000 | .99828+000 | .99806+000 | .99782+000 | .99757+000 |
| 3       | .99997+000 | .99996+000 | .99996+000 | .99995+000 | .99994+000 |
| 4       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .15579+001 | .15890+001 | .16204+001 | .16521+001 | .16841+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1 U3 = 1

THETA = .25000+001 .26000+001 .27000+001 .28000+001 .29000+001

|     | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | -----        | -----      | -----      | -----      | -----      |
| 0   | .59260+000   | .57172+000 | .56114+000 | .55084+000 | .54081+000 |
| 1   | .94673+000   | .94334+000 | .93990+000 | .93642+000 | .93290+000 |
| 2   | .99730+000   | .99702+000 | .99672+000 | .99640+000 | .99607+000 |
| 3   | .99993+000   | .99992+000 | .99991+000 | .99990+000 | .99989+000 |
| 4   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .17164+001 | .17491+001 | .17821+001 | .18154+001 | .18491+001 |

THETA = .30000+001 .31000+001 .32000+001 .33000+001 .34000+001

|     | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | -----        | -----      | -----      | -----      | -----      |
| 0   | .53105+000   | .52155+000 | .51229+000 | .50327+000 | .49448+000 |
| 1   | .92934+000   | .92575+000 | .92213+000 | .91847+000 | .91479+000 |
| 2   | .99572+000   | .99536+000 | .99498+000 | .99459+000 | .99418+000 |
| 3   | .99987+000   | .99986+000 | .99984+000 | .99982+000 | .99981+000 |
| 4   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .18831+001 | .19174+001 | .19520+001 | .19870+001 | .20223+001 |

THETA = .35000+001 .36000+001 .37000+001 .38000+001 .39000+001

|     | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | -----        | -----      | -----      | -----      | -----      |
| 0   | .48591+000   | .47756+000 | .46941+000 | .46146+000 | .45370+000 |
| 1   | .91108+000   | .90736+000 | .90351+000 | .89984+000 | .89606+000 |
| 2   | .99376+000   | .99332+000 | .99286+000 | .99239+000 | .99190+000 |
| 3   | .99978+000   | .99976+000 | .99974+000 | .99972+000 | .99969+000 |
| 4   | 1.00000      | 1.00000    | .99999+000 | .99999+000 | .99999+000 |
| 5   |              |            | 1.00000    | 1.00000    | 1.00000    |
| H   | = .20580+001 | .20940+001 | .21303+001 | .21670+001 | .22041+001 |

THETA = .40000+001 .41000+001 .42000+001 .43000+001 .44000+001

|     | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | -----        | -----      | -----      | -----      | -----      |
| 0   | .44613+000   | .43874+000 | .43153+000 | .42448+000 | .41760+000 |
| 1   | .99226+000   | .88845+000 | .88463+000 | .88080+000 | .87696+000 |
| 2   | .99140+000   | .99088+000 | .99035+000 | .98980+000 | .99924+000 |
| 3   | .99266+000   | .99963+000 | .99960+000 | .99957+000 | .99954+000 |
| 4   | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 5   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .22415+001 | .22793+001 | .23174+001 | .23558+001 | .23946+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1 U3 = 1

| THETA = .45000+001 |              | .46000+001 | .47000+001 | .48000+001 | .49000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .41087+000   | .40430+000 | .39788+000 | .39161+000 | .38547+000 |
| 1                  | .87311+000   | .86925+000 | .86540+000 | .86154+000 | .85767+000 |
| 2                  | .98867+000   | .98808+000 | .98747+000 | .98685+000 | .98622+000 |
| 3                  | .99950+000   | .99946+000 | .99942+000 | .99938+000 | .99934+000 |
| 4                  | .99999+000   | .99999+000 | .99999+000 | .99998+000 | .99998+000 |
| 5                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .24338+001 | .24734+001 | .25133+001 | .25536+001 | .25942+001 |

| THETA = .50000+001 |              | .52000+001 | .54000+001 | .56000+001 | .58000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .37947+000   | .36786+000 | .35675+000 | .34610+000 | .33590+000 |
| 1                  | .85381+000   | .84608+000 | .83836+000 | .83065+000 | .82296+000 |
| 2                  | .98557+000   | .98423+000 | .98284+000 | .98140+000 | .97990+000 |
| 3                  | .99929+000   | .99920+000 | .99910+000 | .99898+000 | .99886+000 |
| 4                  | .99998+000   | .99998+000 | .99997+000 | .99997+000 | .99996+000 |
| 5                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .26353+001 | .27184+001 | .28031+001 | .28893+001 | .29771+001 |

| THETA = .60000+001 |              | .62000+001 | .64000+001 | .66000+001 | .68000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .32612+000   | .31673+000 | .30771+000 | .29905+000 | .29073+000 |
| 1                  | .81529+000   | .80765+000 | .80006+000 | .79249+000 | .78497+000 |
| 2                  | .97835+000   | .97676+000 | .97511+000 | .97342+000 | .97168+000 |
| 3                  | .99874+000   | .99860+000 | .99845+000 | .99830+000 | .99813+000 |
| 4                  | .99996+000   | .99995+000 | .99995+000 | .99994+000 | .99993+000 |
| 5                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .30664+001 | .31573+001 | .32498+001 | .33439+001 | .34396+001 |

| THETA = .70000+001 |              | .72000+001 | .74000+001 | .76000+001 | .78000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .28272+000   | .27502+000 | .26761+000 | .26046+000 | .25358+000 |
| 1                  | .77749+000   | .77006+000 | .76267+000 | .75534+000 | .74807+000 |
| 2                  | .96990+000   | .96807+000 | .96620+000 | .96429+000 | .96234+000 |
| 3                  | .99796+000   | .99777+000 | .99758+000 | .99738+000 | .99716+000 |
| 4                  | .99992+000   | .99991+000 | .99990+000 | .99989+000 | .99988+000 |
| 5                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .35370+001 | .36361+001 | .37369+001 | .38393+001 | .39435+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1 U3 = 1

THETA= .80000+001 .82000+001 .84000+001 .86000+001 .88000+001  
 -I-----SUM-P(I)-----  
 0 .24695+000 .24055+000 .23438+000 .22842+000 .22267+000  
 1 .74084+000 .73368+000 .72657+000 .71953+000 .71254+000  
 2 .96035+000 .95833+000 .95627+000 .95417+000 .95203+000  
 3 .99694+000 .99671+000 .99646+000 .99621+000 .99594+000  
 4 .99987+000 .99985+000 .99984+000 .99982+000 .99981+000  
 5 1.00000 1.00000 1.00000 .99999+000 .99999+000  
 6 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .40494+001 .41571+001 .42666+001 .43779+001 .44910+001

THETA= .90000+001 .92000+001 .94000+001 .96000+001 .98000+001  
 -I-----SUM-P(I)-----  
 0 .21711+000 .21174+000 .20655+000 .20153+000 .19668+000  
 1 .70562+000 .69875+000 .69195+000 .68522+000 .67854+000  
 2 .94987+000 .94767+000 .94544+000 .94318+000 .94089+000  
 3 .99567+000 .99538+000 .99508+000 .99477+000 .99446+000  
 4 .99979+000 .99977+000 .99975+000 .99973+000 .99970+000  
 5 .99999+000 .99999+000 .99999+000 .99999+000 .99999+000  
 6 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .46059+001 .47227+001 .48414+001 .49619+001 .50844+001

THETA= .10000+002 .10200+002 .10400+002 .10600+002 .10800+002  
 -I-----SUM-P(I)-----  
 0 .19198+000 .18743+000 .18303+000 .17876+000 .17463+000  
 1 .67193+000 .66539+000 .65891+000 .65249+000 .64614+000  
 2 .93858+000 .93623+000 .93386+000 .93146+000 .92904+000  
 3 .99413+000 .99379+000 .99343+000 .99307+000 .99270+000  
 4 .99968+000 .99966+000 .99963+000 .99960+000 .99957+000  
 5 .99999+000 .99999+000 .99999+000 .99999+000 .99998+000  
 6 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .52088+001 .53352+001 .54636+001 .55939+001 .57263+001

THETA= .11000+002 .11200+002 .11400+002 .11600+002 .11800+002  
 -I-----SUM-P(I)-----  
 0 .17063+000 .16674+000 .16298+000 .15933+000 .15578+000  
 1 .63985+000 .63363+000 .62747+000 .62137+000 .61534+000  
 2 .92660+000 .92413+000 .92164+000 .91913+000 .91660+000  
 3 .99231+000 .99192+000 .99151+000 .99109+000 .99066+000  
 4 .99954+000 .99951+000 .99948+000 .99944+000 .99940+000  
 5 .99998+000 .99998+000 .99998+000 .99998+000 .99998+000  
 6 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .58607+001 .59972+001 .61358+001 .62764+001 .64192+001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 1 U3 = 1

THETA = .12000+002 .12200+002 .12400+002 .12600+002 .12800+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .15234+000   | .14900+000 | .14576+000 | .14261+000 | .13955+000 |
| 1   | .60937+000   | .60346+000 | .59762+000 | .59184+000 | .58612+000 |
| 2   | .91405+000   | .91148+000 | .90890+000 | .90629+000 | .90367+000 |
| 3   | .99022+000   | .98977+000 | .98931+000 | .98884+000 | .98836+000 |
| 4   | .99937+000   | .99933+000 | .99928+000 | .99924+000 | .99919+000 |
| 5   | .99997+000   | .99997+000 | .99997+000 | .99997+000 | .99997+000 |
| E   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .65642+001 | .67113+001 | .68606+001 | .70121+001 | .71658+001 |

THETA = .13000+002 .13200+002 .13400+002 .13600+002 .13800+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .13658+000   | .13369+000 | .13088+000 | .12815+000 | .12549+000 |
| 1   | .58046+000   | .57486+000 | .56932+000 | .56384+000 | .55843+000 |
| 2   | .90104+000   | .89839+000 | .89572+000 | .89304+000 | .89035+000 |
| 3   | .98786+000   | .98735+000 | .98684+000 | .98631+000 | .98577+000 |
| 4   | .99915+000   | .99910+000 | .99905+000 | .99900+000 | .99894+000 |
| 5   | .99996+000   | .99996+000 | .99996+000 | .99995+000 | .99995+000 |
| E   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .73218+001 | .74801+001 | .76407+001 | .78036+001 | .79688+001 |

THETA = .14000+002 .14200+002 .14400+002 .14600+002 .14800+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .12290+000   | .12039+000 | .11794+000 | .11556+000 | .11324+000 |
| 1   | .55307+000   | .54777+000 | .54252+000 | .53734+000 | .53221+000 |
| 2   | .88764+000   | .88492+000 | .88219+000 | .87945+000 | .87670+000 |
| 3   | .98522+000   | .98466+000 | .98409+000 | .98351+000 | .98292+000 |
| 4   | .99889+000   | .99883+000 | .99877+000 | .99870+000 | .99864+000 |
| 5   | .99995+000   | .99994+000 | .99994+000 | .99994+000 | .99993+000 |
| E   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .81364+001 | .83064+001 | .84789+001 | .86537+001 | .89311+001 |

THETA = .15000+002 .15500+002 .16000+002 .16500+002 .17000+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .11098+000   | .10558+000 | .10052+000 | .95773-001 | .91313-001 |
| 1   | .52714+000   | .51470+000 | .50260+000 | .49084+000 | .47939+000 |
| 2   | .87394+000   | .86700+000 | .86001+000 | .85298+000 | .84591+000 |
| 3   | .98232+000   | .98077+000 | .97915+000 | .97747+000 | .97572+000 |
| 4   | .99857+000   | .99840+000 | .99821+000 | .99801+000 | .99779+000 |
| 5   | .99993+000   | .99992+000 | .99990+000 | .99989+000 | .99987+000 |
| E   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .90109+001 | .94715+001 | .99482+001 | .10441+002 | .10951+002 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 1 U3 = 1

THETA= .17500+002 .18000+002 .18500+002 .19000+002 .19500+002  
 -I- ----- SUM-P(I) -----  
 0 .87119-001 .83170-001 .79450-001 .75941-001 .72629-001  
 1 .46826+000 .45744+000 .44630+000 .43666+000 .42670+000  
 2 .83882+000 .83170+000 .82457+000 .81742+000 .81027+000  
 3 .97392+000 .97205+000 .97012+000 .96814+000 .96609+000  
 4 .99756+000 .99731+000 .99705+000 .99677+000 .99648+000  
 5 .99986+000 .99984+000 .99982+000 .99980+000 .99977+000  
 6 .99999+000 .99999+000 .99999+000 .99999+000 .99999+000  
 7 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .11479+002 .12024+002 .12587+002 .13168+002 .13769+002

THETA= .20000+002 .21000+002 .22000+002 .23000+002 .24000+002  
 -I- ----- SUM-P(I) -----  
 0 .69500-001 .63743-001 .58581-001 .53939-001 .49754-001  
 1 .41700+000 .39839+000 .38078+000 .36409+000 .34828+000  
 2 .80311+000 .78882+000 .77457+000 .76039+000 .74630+000  
 3 .96399+000 .95963+000 .95506+000 .95028+000 .94532+000  
 4 .99617+000 .99550+000 .99477+000 .99396+000 .99308+000  
 5 .99975+000 .99969+000 .99962+000 .99954+000 .99945+000  
 6 .99999+000 .99999+000 .99998+000 .99998+000 .99997+000  
 7 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .14388+002 .15688+002 .17070+002 .18539+002 .20099+002

THETA= .25000+002 .30000+002 .35000+002 .40070+002 .45000+002  
 -I- ----- SUM-P(I) -----  
 0 .45971-001 .31656-001 .22490-001 .16383-001 .12184-001  
 1 .33329+000 .26908+000 .21927+000 .18021+000 .14925+000  
 2 .73234+000 .66478+000 .60191+000 .54427+000 .49192+000  
 3 .94017+000 .91209+000 .88091+000 .84766+000 .81317+000  
 4 .99213+000 .98628+000 .97857+000 .96901+000 .95773+000  
 5 .99935+000 .99865+000 .99755+000 .99598+000 .99387+000  
 6 .99996+000 .99991+000 .99981+000 .99965+000 .99940+000  
 7 1.00000 1.00000 1.00000 1.00000 1.00000  
 8 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .21753+002 .31590+002 .44465+002 .61039+002 .82077+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 1 U3 = 1

THETA = .50000+002 .55000+002 .60000+002 .65000+002 .70000+002

|     |  | SUM-P(I)       |            |            |            |            |
|-----|--|----------------|------------|------------|------------|------------|
| -I- |  | .92203-002     | .70827-002 | .55119-002 | .43387-002 | .34501-002 |
| 0   |  | .12447+000     | .10447+000 | .88190-001 | .74843-001 | .63826-001 |
| 1   |  | .44462+000     | .40204+000 | .36378+000 | .32944+000 | .29862+000 |
| 2   |  | .77811+000     | .74301+000 | .70828+000 | .67421+000 | .64103+000 |
| 3   |  | .94485+000     | .93054+000 | .91497+000 | .89831+000 | .88072+000 |
| 4   |  | .99117+000     | .98785+000 | .98387+000 | .97923+000 | .97393+000 |
| 5   |  | .99905+000     | .99857+000 | .99793+000 | .99712+000 | .99613+000 |
| 6   |  | .99993+000     | .99988+000 | .99981+000 | .99972+000 | .99959+000 |
| 7   |  | 1.00000        | .99999+000 | .99999+000 | .99998+000 | .99997+000 |
| 8   |  |                | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| 9   |  | H = .10846+003 | .14119+003 | .18143+003 | .23048+003 | .28985+003 |

THETA = .75000+002 .80000+002 .85000+002 .90000+002 .95000+002

|     |  | SUM-P(I)       |            |            |            |            |
|-----|--|----------------|------------|------------|------------|------------|
| -I- |  | .27685-002     | .22398-002 | .18256-002 | .14981-002 | .12371-002 |
| 0   |  | .54677-001     | .47036-001 | .40620-001 | .35206-001 | .30618-001 |
| 1   |  | .27096+000     | .24613+000 | .22381+000 | .20375+000 | .18568+000 |
| 2   |  | .60891+000     | .57795+000 | .54822+000 | .51976+000 | .49258+000 |
| 3   |  | .86237+000     | .84341+000 | .82397+000 | .80417+000 | .78414+000 |
| 4   |  | .96798+000     | .96139+000 | .95418+000 | .94638+000 | .93801+000 |
| 5   |  | .99492+003     | .99349+000 | .99183+000 | .98991+000 | .98773+000 |
| 6   |  | .99943+000     | .99922+000 | .99897+000 | .99865+000 | .99828+000 |
| 7   |  | .99995+000     | .99993+000 | .99990+000 | .99987+000 | .99982+000 |
| 8   |  | 1.00000        | 1.00000    | .99999+000 | .99999+000 | .99999+000 |
| 9   |  |                |            | 1.00000    | 1.00000    | 1.00000    |
| 10  |  | H = .36121+003 | .44647+003 | .54776+003 | .66750+003 | .80835+003 |

THETA = .10000+003

|     |  | SUM-P(I)       |  |  |  |  |
|-----|--|----------------|--|--|--|--|
| -I- |  | .10274-002     |  |  |  |  |
| 0   |  | .26712-001     |  |  |  |  |
| 1   |  | .16941+000     |  |  |  |  |
| 2   |  | .46668+000     |  |  |  |  |
| 3   |  | .76396+000     |  |  |  |  |
| 4   |  | .92912+000     |  |  |  |  |
| 5   |  | .98529+000     |  |  |  |  |
| 6   |  | .99783+000     |  |  |  |  |
| 7   |  | .99977+000     |  |  |  |  |
| 8   |  | .99998+000     |  |  |  |  |
| 9   |  | 1.00000        |  |  |  |  |
| 10  |  | H = .97334+003 |  |  |  |  |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 2 U3 = C

|                     |            |               |            |            |            |
|---------------------|------------|---------------|------------|------------|------------|
| THE TA = .00000+000 | .10000-001 | .20000-001    | .30000-001 | .40000-001 |            |
| -I-                 | -----      | SUM-P(I)----- | -----      | -----      |            |
| 0                   | 1.00000    | .99668+000    | .99337+000 | .99008+000 | .98681+000 |
| 1                   |            | 1.00000       | .99999+000 | .99998+000 | .99997+000 |
| 2                   |            |               | 1.00000    | 1.00000    | 1.00000    |
| H = .50000+000      | .50167+000 | .50334+000    | .50501+000 | .50668+000 |            |
| THE TA = .50000-001 | .60000-001 | .70000-001    | .80000-001 | .90000-001 |            |
| -I-                 | -----      | SUM-P(I)----- | -----      | -----      |            |
| 0                   | .98356+000 | .98032+000    | .97710+000 | .97390+000 | .97071+000 |
| 1                   | .99995+000 | .99993+000    | .99990+000 | .99987+000 | .99984+000 |
| 2                   | 1.00000    | 1.00000       | 1.00000    | 1.00000    | 1.00000    |
| H = .50836+000      | .51004+000 | .51172+000    | .51340+000 | .51508+000 |            |
| THE TA = .10000+000 | .11000+000 | .12000+000    | .13000+000 | .14000+000 |            |
| -I-                 | -----      | SUM-P(I)----- | -----      | -----      |            |
| 0                   | .96755+000 | .96440+000    | .96126+000 | .95814+000 | .95504+000 |
| 1                   | .99980+000 | .99976+000    | .99971+000 | .99966+000 | .99961+000 |
| 2                   | 1.00000    | 1.00000       | 1.00000    | 1.00000    | 1.00000    |
| H = .51677+000      | .51846+000 | .52015+000    | .52184+000 | .52354+000 |            |
| THE TA = .15000+000 | .16000+000 | .17000+000    | .18000+000 | .19000+000 |            |
| -I-                 | -----      | SUM-P(I)----- | -----      | -----      |            |
| 0                   | .95195+000 | .94888+000    | .94583+000 | .94279+000 | .93977+000 |
| 1                   | .99955+000 | .99949+000    | .99943+000 | .99936+000 | .99929+000 |
| 2                   | 1.00000    | 1.00000       | 1.00000    | 1.00000    | 1.00000    |
| H = .52524+000      | .52693+000 | .52864+000    | .53034+000 | .53204+000 |            |
| THE TA = .20000+000 | .21000+000 | .22000+000    | .23000+000 | .24000+000 |            |
| -I-                 | -----      | SUM-P(I)----- | -----      | -----      |            |
| 0                   | .93676+000 | .93377+000    | .93080+000 | .92784+000 | .92489+000 |
| 1                   | .99922+000 | .99914+000    | .99906+000 | .99897+000 | .99888+000 |
| 2                   | 1.00000    | 1.00000       | 1.00000    | .99999+000 | .99999+000 |
| 3                   |            |               |            | 1.00000    | 1.00000    |
| H = .53375+000      | .53546+000 | .53717+000    | .53889+000 | .54060+000 |            |
| THE TA = .25000+000 | .26000+000 | .27000+000    | .28000+000 | .29000+000 |            |
| -I-                 | -----      | SUM-P(I)----- | -----      | -----      |            |
| 0                   | .92196+000 | .91905+000    | .91615+000 | .91326+000 | .91039+000 |
| 1                   | .99879+000 | .99870+000    | .99860+000 | .99850+000 | .99839+000 |
| 2                   | .99999+000 | .99999+000    | .99999+000 | .99999+000 | .99999+000 |
| 3                   | 1.00000    | 1.00000       | 1.00000    | 1.00000    | 1.00000    |
| H = .54232+000      | .54404+000 | .54576+000    | .54749+000 | .54922+000 |            |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIRUTION

U2 = 2 U3 = 0

THETA= .30000+000 .31000+000 .32000+000 .33000+000 .34000+000

|     |   | SUM-P(I)   |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .90753+000 | .90469+000 | .90196+000 | .89905+000 | .89625+000 |
| 0   |   | .99829+000 | .99818+000 | .99806+000 | .99795+000 | .99783+000 |
| 1   |   | .99999+000 | .99999+000 | .99999+000 | .99998+000 | .99998+000 |
| 2   |   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| 3   |   |            |            |            |            |            |
| H   | = | .55094+000 | .55267+000 | .55441+000 | .55614+000 | .55788+000 |

THETA= .35000+000 .36000+000 .37000+000 .38000+000 .39000+000

|     |   | SUM-P(I)   |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .89346+000 | .89069+000 | .88793+000 | .88519+000 | .88246+000 |
| 0   |   | .99770+000 | .99758+000 | .99745+000 | .99731+000 | .99718+000 |
| 1   |   | .99998+000 | .99998+000 | .99998+000 | .99998+000 | .99998+000 |
| 2   |   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| 3   |   |            |            |            |            |            |
| H   | = | .55962+000 | .56136+000 | .56310+000 | .56485+000 | .56650+000 |

THETA= .40000+000 .41000+000 .42000+000 .43000+000 .44000+000

|     |   | SUM-P(I)   |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .87974+000 | .87704+000 | .87435+000 | .87167+000 | .86901+000 |
| 0   |   | .99704+000 | .99690+000 | .99676+000 | .99661+000 | .99646+000 |
| 1   |   | .99997+000 | .99997+000 | .99997+000 | .99997+000 | .99997+000 |
| 2   |   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| 3   |   |            |            |            |            |            |
| H   | = | .56835+000 | .57010+000 | .57185+000 | .57361+000 | .57537+000 |

THETA= .45000+000 .46000+000 .47000+000 .48000+000 .49000+000

|     |   | SUM-P(I)   |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .86636+000 | .86372+000 | .86109+000 | .85848+000 | .85588+000 |
| 0   |   | .99631+000 | .99615+000 | .99600+000 | .99584+000 | .99567+000 |
| 1   |   | .99996+000 | .99996+000 | .99996+000 | .99996+000 | .99995+000 |
| 2   |   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| 3   |   |            |            |            |            |            |
| H   | = | .57713+000 | .57889+000 | .58066+000 | .58243+000 | .58420+000 |

THETA= .50000+000 .60000+000 .70000+000 .80000+000 .90000+000

|     |   | SUM-P(I)   |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .85329+000 | .82809+000 | .80405+000 | .78110+000 | .75918+000 |
| 0   |   | .99551+000 | .99371+000 | .99166+000 | .98940+000 | .98693+000 |
| 1   |   | .99995+000 | .99992+000 | .99987+000 | .99981+000 | .99974+000 |
| 2   |   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| 3   |   |            |            |            |            |            |
| H   | = | .59597+000 | .60380+000 | .62185+000 | .64012+000 | .65861+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2 U3 = 0

THETA= .10000+001 .11000+001 .12000+001 .13000+001 .14000+001

|     |   | SUM-P(I)   |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .73821+000 | .71813+000 | .69890+000 | .68047+000 | .66278+000 |
| 0   |   | .98428+000 | .98145+000 | .97847+000 | .97534+000 | .97208+000 |
| 1   |   | .99965+000 | .99955+000 | .99943+000 | .99930+000 | .99915+000 |
| 2   |   | 1.00000    | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 3   |   |            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| 4   |   |            |            |            |            |            |
| H   | = | .67732+000 | .69625+000 | .71541+000 | .73479+000 | .75439+000 |

THETA= .15000+001 .16000+001 .17000+001 .18000+001 .19000+001

|     |   | SUM-P(I)   |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .64580+000 | .62949+000 | .61380+000 | .59871+000 | .58419+000 |
| 0   |   | .96870+000 | .96521+000 | .96162+000 | .95794+000 | .95417+000 |
| 1   |   | .99898+000 | .99879+000 | .99858+000 | .99835+000 | .99811+000 |
| 2   |   | .99998+000 | .99998+000 | .99998+000 | .99997+000 | .99996+000 |
| 3   |   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| 4   |   |            |            |            |            |            |
| H   | = | .77423+000 | .79430+000 | .81460+000 | .83513+000 | .85589+000 |

THETA= .20000+001 .21000+001 .22000+001 .23000+001 .24000+001

|     |   | SUM-P(I)   |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .57020+000 | .55671+000 | .54371+000 | .53117+000 | .51906+000 |
| 0   |   | .95033+000 | .94641+000 | .94243+000 | .93840+000 | .93431+000 |
| 1   |   | .99784+000 | .99756+000 | .99726+000 | .99694+000 | .99659+000 |
| 2   |   | .99996+000 | .99995+000 | .99994+000 | .99993+000 | .99992+000 |
| 3   |   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| 4   |   |            |            |            |            |            |
| H   | = | .87689+000 | .89813+000 | .91961+000 | .94132+000 | .96328+000 |

THETA= .25000+001 .26000+001 .27000+001 .28000+001 .29000+001

|     |   | SUM-P(I)   |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .50737+000 | .49507+000 | .48514+000 | .47458+000 | .46436+000 |
| 0   |   | .93017+000 | .92599+000 | .92177+000 | .91752+000 | .91324+000 |
| 1   |   | .99623+000 | .99585+000 | .99545+000 | .99503+000 | .99460+000 |
| 2   |   | .99990+000 | .99989+000 | .99987+000 | .99986+000 | .99984+000 |
| 3   |   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| 4   |   |            |            |            |            |            |
| H   | = | .99548+000 | .10079+001 | .1030+001  | .10536+001 | .10768+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 2 U3 = 0

THETA = .30000+001 .31000+001 .32000+001 .33000+001 .34000+001

| -I- | SUM-P(I)   |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| 0   | .45446+000 | .44488+000 | .43560+000 | .42660+000 | .41788+000 |
| 1   | .90893+000 | .90459+000 | .90024+000 | .89537+000 | .89148+000 |
| 2   | .99414+000 | .99366+000 | .99317+000 | .99265+000 | .99212+000 |
| 3   | .99982+000 | .99980+000 | .99978+000 | .99975+000 | .99973+000 |
| 4   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 5   |            |            |            |            | 1.00000    |
| H   | .11002+001 | .11239+001 | .11478+001 | .11720+001 | .11965+001 |

THETA = .35000+001 .36000+001 .37000+001 .38000+001 .39000+001

| -I- | SUM-P(I)   |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| 0   | .40942+000 | .40122+000 | .39325+000 | .38552+000 | .37000+000 |
| 1   | .88708+000 | .88267+000 | .87826+000 | .87383+000 | .86941+000 |
| 2   | .99157+000 | .99100+000 | .99042+000 | .98981+000 | .98919+000 |
| 3   | .99970+000 | .99967+000 | .99964+000 | .99960+000 | .99957+000 |
| 4   | .99999+000 | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 5   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | .12212+001 | .12462+001 | .12715+001 | .12970+001 | .13227+001 |

THETA = .40000+001 .41000+001 .42000+001 .43000+001 .44000+001

| -I- | SUM-P(I)   |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| 0   | .37071+000 | .36361+000 | .35672+000 | .35001+000 | .34349+000 |
| 1   | .86498+000 | .86055+000 | .85612+000 | .85170+000 | .84728+000 |
| 2   | .98855+000 | .98789+000 | .98722+000 | .98652+000 | .98582+000 |
| 3   | .99953+000 | .99949+000 | .99945+000 | .99941+000 | .99936+000 |
| 4   | .99999+000 | .99999+000 | .99999+000 | .99999+000 | .99998+000 |
| 5   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | .13488+001 | .13751+001 | .14017+001 | .14285+001 | .14556+001 |

THETA = .45000+001 .46000+001 .47000+001 .48000+001 .49000+001

| -I- | SUM-P(I)   |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| 0   | .33714+000 | .33097+000 | .32495+000 | .31910+000 | .31339+000 |
| 1   | .84286+000 | .83845+000 | .83405+000 | .82966+000 | .82527+000 |
| 2   | .98509+000 | .98435+000 | .98360+000 | .98282+000 | .98203+000 |
| 3   | .99932+000 | .99927+000 | .99921+000 | .99916+000 | .99910+000 |
| 4   | .99998+000 | .99998+000 | .99998+000 | .99998+000 | .99998+000 |
| 5   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | .14830+001 | .15107+001 | .15387+001 | .15669+001 | .15954+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSSEL DISTRIBUTION

U2 = 2 U3 = C

THETA = .50000+001 .52000+001 .54000+001 .56000+001 .58000+001

|     |  | SUM-P(I)       |            |            |            |            |
|-----|--|----------------|------------|------------|------------|------------|
| -I- |  | .30784+000     | .29714+000 | .28697+000 | .27730+000 | .26809+000 |
| 0   |  | .82090+000     | .81219+000 | .80353+000 | .79493+000 | .78639+000 |
| 1   |  | .98123+000     | .97958+000 | .97787+000 | .97610+000 | .97427+000 |
| 2   |  | .99905+000     | .99892+000 | .99879+000 | .99864+000 | .99849+000 |
| 3   |  | .99997+000     | .99997+000 | .99996+000 | .99996+000 | .99995+000 |
| 4   |  | 1.00000        | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| 5   |  | H = .16242+001 | .16827+001 | .17423+001 | .18031+001 | .18651+001 |

THETA = .60000+001 .62000+001 .64000+001 .66000+001 .68000+001

|     |  | SUM-P(I)       |            |            |            |            |
|-----|--|----------------|------------|------------|------------|------------|
| -I- |  | .25930+000     | .25093+000 | .24293+000 | .23529+000 | .22798+000 |
| 0   |  | .77791+000     | .76951+000 | .76118+000 | .75292+000 | .74474+000 |
| 1   |  | .97239+000     | .97046+000 | .96848+000 | .96645+000 | .96437+000 |
| 2   |  | .99832+000     | .99815+000 | .99796+000 | .99776+000 | .99756+000 |
| 3   |  | .99994+000     | .99994+000 | .99993+000 | .99992+000 | .99991+000 |
| 4   |  | 1.00000        | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| 5   |  | H = .19282+001 | .19926+001 | .20582+001 | .21251+001 | .21931+001 |

THETA = .70000+001 .72000+001 .74000+001 .76000+001 .78000+001

|     |  | SUM-P(I)       |            |            |            |            |
|-----|--|----------------|------------|------------|------------|------------|
| -I- |  | .22099+000     | .21430+000 | .20789+000 | .20175+000 | .19585+000 |
| 0   |  | .73665+000     | .72863+000 | .72069+000 | .71284+000 | .70507+000 |
| 1   |  | .96224+000     | .96007+000 | .95786+000 | .95561+000 | .95331+000 |
| 2   |  | .99734+000     | .99711+000 | .99686+000 | .99661+000 | .99634+000 |
| 3   |  | .99990+000     | .99988+000 | .99987+000 | .99986+000 | .99984+000 |
| 4   |  | 1.00000        | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| 5   |  | H = .22625+001 | .23332+001 | .24051+001 | .24784+001 | .25529+001 |

THETA = .80000+001 .82000+001 .84000+001 .86000+001 .88000+001

|     |  | SUM-P(I)       |            |            |            |            |
|-----|--|----------------|------------|------------|------------|------------|
| -I- |  | .19020+000     | .18476+000 | .17955+000 | .17453+000 | .16970+000 |
| 0   |  | .69739+000     | .68979+000 | .68228+000 | .67485+000 | .66751+000 |
| 1   |  | .95098+000     | .94861+000 | .94621+000 | .94377+000 | .94130+000 |
| 2   |  | .99607+000     | .99578+000 | .99548+000 | .99516+000 | .99484+000 |
| 3   |  | .99982+000     | .99981+000 | .99979+000 | .99977+000 | .99975+000 |
| 4   |  | 1.00000        | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 5   |  |                | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| 6   |  | H = .26289+001 | .27061+001 | .27848+001 | .28648+001 | .29463+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

$U_2 = 2 \quad U_3 = 0$

| THETA = .90000+001 .92000+001 .94000+001 .96000+001 .98000+001 |            |            |            |            |            |
|--|------------|------------|------------|------------|------------|
| $-I -$ ----- SUM-P(I) -----                                    |            |            |            |            |            |
| 0  | .16506+000 | .16059+000 | .15629+000 | .15214+000 | .14814+000 |
| 1  | .66025+000 | .65308+000 | .64599+000 | .63899+000 | .63207+000 |
| 2  | .93879+000 | .93626+000 | .93369+000 | .93110+000 | .92848+000 |
| 3  | .99450+000 | .99415+000 | .99379+000 | .99341+000 | .99303+000 |
| 4  | .99972+000 | .99970+000 | .99967+000 | .99965+000 | .99962+000 |
| 5  | .99999+000 | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 6  | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =  | .30292+001 | .31135+001 | .31992+001 | .32864+001 | .33751+001 |
| THETA = .10000+002 .10200+002 .10400+002 .10600+002 .10800+002 |            |            |            |            |            |
| $-I -$ ----- SUM-P(I) -----                                    |            |            |            |            |            |
| 0  | .14429+000 | .14056+000 | .13697+000 | .13351+000 | .13016+000 |
| 1  | .62524+000 | .61849+000 | .61182+000 | .60523+000 | .59872+000 |
| 2  | .92583+000 | .92316+000 | .92046+000 | .91775+000 | .91501+000 |
| 3  | .99263+000 | .99222+000 | .99180+000 | .99136+000 | .99091+000 |
| 4  | .99959+000 | .99956+000 | .99952+000 | .99949+000 | .99945+000 |
| 5  | .99999+000 | .99998+000 | .99998+000 | .99998+000 | .99998+000 |
| 6  | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =  | .34654+001 | .35571+001 | .36503+001 | .37451+001 | .38415+001 |
| THETA = .11000+002 .11200+002 .11400+002 .11600+002 .11800+002 |            |            |            |            |            |
| $-I -$ ----- SUM-P(I) -----                                    |            |            |            |            |            |
| 0  | .12692+000 | .12379+000 | .12077+000 | .11784+000 | .11501+000 |
| 1  | .59230+000 | .58595+000 | .57968+000 | .57349+000 | .56738+000 |
| 2  | .91224+000 | .90946+000 | .90666+000 | .90384+000 | .90101+000 |
| 3  | .99045+000 | .99998+000 | .98950+000 | .98900+000 | .98849+000 |
| 4  | .99941+000 | .99937+000 | .99933+000 | .99929+000 | .99924+000 |
| 5  | .99998+000 | .99998+000 | .99997+000 | .99997+000 | .99997+000 |
| 6  | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =  | .39395+001 | .40390+001 | .41402+001 | .42430+001 | .43474+001 |
| THETA = .12000+002 .12200+002 .12400+002 .12600+002 .12800+002 |            |            |            |            |            |
| $-I -$ ----- SUM-P(I) -----                                    |            |            |            |            |            |
| 0  | .11227+000 | .10962+000 | .10705+000 | .10456+000 | .10214+000 |
| 1  | .56135+000 | .55539+000 | .54950+000 | .54369+000 | .53795+000 |
| 2  | .89815+000 | .89529+000 | .89240+000 | .88951+000 | .88660+000 |
| 3  | .99797+000 | .98744+000 | .98689+000 | .98633+000 | .98577+000 |
| 4  | .99920+000 | .99915+000 | .99910+000 | .99904+000 | .99899+000 |
| 5  | .99997+000 | .99996+000 | .99996+000 | .99996+000 | .99996+000 |
| 6  | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =  | .44536+001 | .45614+001 | .46709+001 | .47821+001 | .48951+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2 U3 = 0

THETA= .13000+002 .13200+002 .13400+002 .13600+002 .13800+002

|     |            |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| -I- |            |            | SUM-P(I)   |            |            |
| 0   | .99803-001 | .97535-001 | .95334-001 | .93200-001 | .91128-001 |
| 1   | .53228+000 | .52669+000 | .52116+000 | .51570+000 | .51032+000 |
| 2   | .89367+000 | .88074+000 | .87779+000 | .87483+000 | .87187+000 |
| 3   | .98518+000 | .98459+000 | .98399+000 | .98337+000 | .98274+000 |
| 4   | .99893+000 | .99887+000 | .99881+000 | .99875+000 | .99868+000 |
| 5   | .99995+000 | .99995+000 | .99995+000 | .99994+000 | .99994+000 |
| 6   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H = | .50099+001 | .51264+001 | .52447+001 | .53648+001 | .54868+001 |

THETA= .14000+002 .14200+002 .14400+002 .14600+002 .14800+002

|     |            |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| -I- |            |            | SUM-P(I)   |            |            |
| 0   | .89117-001 | .87164-001 | .85268-001 | .83426-001 | .81636-001 |
| 1   | .50500+000 | .49974+000 | .49456+000 | .48943+000 | .48437+000 |
| 2   | .86889+000 | .86591+000 | .86291+000 | .85991+000 | .85691+000 |
| 3   | .98210+000 | .98145+000 | .98079+000 | .98011+000 | .97943+000 |
| 4   | .99861+000 | .99854+000 | .99847+000 | .99839+000 | .99832+000 |
| 5   | .99993+000 | .99993+000 | .99992+000 | .99992+000 | .99992+000 |
| 6   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H = | .56106+001 | .57363+001 | .58639+001 | .59933+001 | .61247+001 |

THETA= .15000+002 .15500+002 .16000+002 .16500+002 .17000+002

|     |            |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| -I- |            |            | SUM-P(I)   |            |            |
| 0   | .79896-001 | .75756-001 | .71893-001 | .68284-001 | .64908-001 |
| 1   | .47938+000 | .46716+000 | .45532+000 | .44385+000 | .43272+000 |
| 2   | .85389+000 | .84634+000 | .83875+000 | .83114+000 | .82352+000 |
| 3   | .97873+000 | .97594+000 | .97508+000 | .97315+000 | .97116+000 |
| 4   | .99824+000 | .99803+000 | .99780+000 | .99756+000 | .99730+000 |
| 5   | .99991+000 | .99990+000 | .99988+000 | .99986+000 | .99984+000 |
| 6   | 1.00000    | 1.00000    | 1.00000    | .99999+000 | .99999+000 |
| 7   |            |            |            | 1.00000    | 1.00000    |
| H = | .62581+001 | .66001+001 | .69548+001 | .73224+001 | .77032+001 |

THETA= .17500+002 .18000+002 .18500+002 .19000+002 .19500+002

|     |            |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| -I- |            |            | SUM-P(I)   |            |            |
| 0   | .61747-001 | .58783-001 | .56001-001 | .53387-001 | .50929-001 |
| 1   | .42194+000 | .41148+000 | .40134+000 | .39151+000 | .38197+000 |
| 2   | .81590+000 | .80827+000 | .80064+000 | .79302+000 | .78542+000 |
| 3   | .96910+000 | .96698+000 | .96430+000 | .96255+000 | .96025+000 |
| 4   | .99703+000 | .99674+000 | .99643+000 | .99611+000 | .99576+000 |
| 5   | .99982+000 | .99980+000 | .99976+000 | .99975+000 | .99972+000 |
| 6   | .99999+000 | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 7   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H = | .80976+001 | .85059+001 | .89284+001 | .93655+001 | .96176+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 2 U3 = 0

THETA = .20000+002 .21000+002 .22000+002 .23000+002 .24000+002  
 -I-----SUM-P(I)-----  
 0 .48615-001 .44377-001 .40602-001 .37227-001 .34201-001  
 1 .37271+000 .35502+000 .33835+000 .32263+000 .30781+000  
 2 .77784+000 .76273+000 .74775+000 .73291+000 .71823+000  
 3 .95789+000 .95300+000 .94790+000 .94260+000 .93711+000  
 4 .99540+000 .99462+000 .99377+000 .99284+000 .99183+000  
 5 .99969+000 .99962+000 .99954+000 .99944+000 .99934+000  
 6 .99999+000 .99998+000 .99998+000 .99997+000 .99996+000  
 7 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .10285+002 .11267+002 .12315+002 .13431+002 .14619+002

THETA = .25000+002 .30000+002 .35000+002 .40000+002 .45000+002  
 -I-----SUM-P(I)-----  
 0 .31481-001 .21322-001 .14945-001 .10765-001 .79291-002  
 1 .29382+000 .23454+000 .18930+000 .15430+000 .12687+000  
 2 .70372+000 .63432+000 .57071+000 .51313+000 .46138+000  
 3 .93145+000 .90084+000 .86737+000 .83209+000 .79589+000  
 4 .99075+000 .98413+000 .97552+000 .96500+000 .95269+000  
 5 .99922+000 .99841+000 .99715+000 .99537+000 .99301+000  
 6 .99996+000 .99989+000 .99978+000 .99959+000 .99931+000  
 7 1.00000 1.00000 9.9999+000 .99997+000 .99995+000  
 8 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .15883+002 .23450+002 .33456+002 .46447+002 .63059+002

THETA = .50000+002 .55000+002 .60000+002 .65000+002 .70000+002  
 -I-----SUM-P(I)-----  
 0 .59506-002 .45375-002 .35080-002 .27451-002 .21712-002  
 1 .10513+000 .87724-001 .73658-001 .62222-001 .52833-001  
 2 .41505+000 .37368+000 .33677+000 .30385+000 .27448+000  
 3 .75941+000 .72318+000 .68757+000 .65285+000 .61926+000  
 4 .93877+000 .92342+000 .90692+000 .88918+000 .87066+000  
 5 .99001+000 .98635+000 .98199+000 .97695+000 .97122+000  
 6 .99891+000 .99836+000 .99766+000 .99676+000 .99566+000  
 7 .99992+000 .99986+000 .99979+000 .99968+000 .99954+000  
 8 1.00000 9.9999+000 .99999+000 .99998+000 .99996+000  
 9 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .94026+002 .11019+003 .14253+003 .18214+003 .23629+003

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 2 U3 = 0

THETA = .75000+002 .80000+002 .85000+002 .90000+002 .95000+002  
 -I-----SUM-P(I)-----  
 0 .17338-002 .13964-002 .11335-002 .92659-003 .76240-003  
 1 .45078-001 .38634-001 .33248-001 .28724-001 .24905-001  
 2 .24825+000 .22482+000 .20386+000 .18509+000 .16825+000  
 3 .58688+000 .55582+000 .52612+000 .49781+000 .47087+000  
 4 .85143+000 .83165+000 .81146+000 .79099+000 .77034+000  
 5 .96481+000 .95775+000 .95006+000 .94177+000 .93291+000  
 6 .99434+000 .99278+000 .99096+000 .98888+000 .98054+000  
 7 .99936+000 .99913+000 .99885+000 .99850+000 .99809+000  
 8 .99995+000 .99992+000 .99989+000 .99985+000 .99980+000  
 9 1.00000 .99999+000 .99999+000 .99999+000 .99998+000  
 10 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .28839+003 .35806+003 .44112+003 .53961+003 .65583+003

THETA = .10000+003

-I-----SUM-P(I)-----  
 0 .63106-003  
 1 .21656-001  
 2 .15314+000  
 3 .44529+000  
 4 .74962+000  
 5 .92352+000  
 6 .99391+000  
 7 .99760+000  
 8 .99974+000  
 9 .99998+000  
 10 1.00000  
 H = .79232+003

U2 = 2 U3 = 1

THETA = .00000+000 .10000-001 .20000-001 .30000-001 .40000-001  
 -I-----SUM-P(I)-----  
 0 1.00000 .99834+000 .99667+000 .99502+000 .99337+000  
 1 1.00000 1.00000 .99999+000 .99999+000 .99999+000  
 2 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .50000+000 .50083+000 .50167+000 .50250+000 .50334+000

THETA = .50000-001 .60000-001 .70000-001 .80000-001 .90000-001  
 -I-----SUM-P(I)-----  
 0 .99172+000 .99007+000 .98843+000 .98680+000 .98517+000  
 1 .99998+000 .99998+000 .99997+000 .99996+000 .99994+000  
 2 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .50418+000 .50501+000 .50585+000 .50669+000 .50753+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSSEL DISTRIBUTION

U2 = 2 U3 = 1

|           |            |            |            |            |            |
|-----------|------------|------------|------------|------------|------------|
| THE TAU = | .10000+000 | .11000+000 | .12000+000 | .13000+000 | .14000+000 |
| -I-       | -----      | -----      | SUM-P(I)   | -----      | -----      |
| 0         | .99354+000 | .98192+000 | .98030+000 | .97868+000 | .97707+000 |
| 1         | .99993+000 | .99992+000 | .99990+000 | .99988+000 | .99987+000 |
| 2         | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =       | .50837+000 | .50921+000 | .51005+000 | .51089+000 | .51173+000 |
| THE TAU = | .15000+000 | .16000+000 | .17000+000 | .18000+000 | .19000+000 |
| -I-       | -----      | -----      | SUM-P(I)   | -----      | -----      |
| 0         | .97546+000 | .97386+000 | .97226+000 | .97066+000 | .96907+000 |
| 1         | .99985+000 | .99983+000 | .99980+000 | .99978+000 | .99976+000 |
| 2         | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =       | .51258+000 | .51342+000 | .51427+000 | .51511+000 | .51596+000 |
| THE TAU = | .20000+000 | .21000+000 | .22000+000 | .23000+000 | .24000+000 |
| -I-       | -----      | -----      | SUM-P(I)   | -----      | -----      |
| 0         | .96748+000 | .96590+000 | .96432+000 | .96274+000 | .96117+000 |
| 1         | .99973+000 | .99970+000 | .99967+000 | .99964+000 | .99961+000 |
| 2         | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =       | .51681+000 | .51765+000 | .51850+000 | .51935+000 | .52020+000 |
| THE TAU = | .25000+000 | .26000+000 | .27000+000 | .28000+000 | .29000+000 |
| -I-       | -----      | -----      | SUM-P(I)   | -----      | -----      |
| 0         | .95960+000 | .95803+000 | .95647+000 | .95491+000 | .95336+000 |
| 1         | .99958+000 | .99955+000 | .99951+000 | .99948+000 | .99944+000 |
| 2         | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =       | .52105+000 | .52190+000 | .52275+000 | .52361+000 | .52446+000 |
| THE TAU = | .30000+000 | .31000+000 | .32000+000 | .33000+000 | .34000+000 |
| -I-       | -----      | -----      | SUM-P(I)   | -----      | -----      |
| 0         | .95181+000 | .95027+000 | .94872+000 | .94718+000 | .94565+000 |
| 1         | .99940+000 | .99936+000 | .99932+000 | .99928+000 | .99924+000 |
| 2         | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =       | .52531+000 | .52617+000 | .52702+000 | .52788+000 | .52874+000 |
| THE TAU = | .35000+000 | .36000+000 | .37000+000 | .38000+000 | .39000+000 |
| -I-       | -----      | -----      | SUM-P(I)   | -----      | -----      |
| 0         | .94412+000 | .94259+000 | .94107+000 | .93955+000 | .93803+000 |
| 1         | .99919+000 | .99915+000 | .99910+000 | .99905+000 | .99900+000 |
| 2         | 1.00000    | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 3         |            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =       | .52959+000 | .53045+000 | .53131+000 | .53217+000 | .53303+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2 U3 = 1

THE TAU = .400000+000 .410000+000 .420000+000 .430000+000 .440000+000  
 -I-----SUM-P(I)-----  
 0 .93652+000 .93501+000 .93350+000 .93200+000 .93050+000  
 1 .99895+000 .99890+000 .99885+000 .99879+000 .99874+000  
 2 .99999+000 .99999+000 .99999+000 .99999+000 .99999+000  
 3 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .53389+000 .53475+000 .53562+000 .53648+000 .53734+000

THE TAU = .450000+000 .460000+000 .470000+000 .480000+000 .490000+000  
 -I-----SUM-P(I)-----  
 0 .92901+000 .92752+000 .92603+000 .92455+000 .92306+000  
 1 .99868+000 .99863+000 .99857+000 .99851+000 .99845+000  
 2 .99999+000 .99999+000 .99999+000 .99999+000 .99999+000  
 3 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .53821+000 .53907+000 .53994+000 .54081+000 .54167+000

THE TAU = .500000+000 .500000+000 .500000+000 .500000+000 .500000+000  
 -I-----SUM-P(I)-----  
 0 .92159+000 .90701+000 .89277+000 .87886+000 .86527+000  
 1 .99839+000 .99771+000 .99693+000 .99604+000 .99506+000  
 2 .99999+000 .99998+000 .99996+000 .99995+000 .99993+000  
 3 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .54254+000 .55126+000 .56005+000 .56892+000 .57786+000

THE TAU = .100000+001 .110000+001 .120000+001 .130000+001 .140000+001  
 -I-----SUM-P(I)-----  
 0 .85199+000 .83900+000 .82631+000 .81389+000 .80175+000  
 1 .99398+000 .99282+000 .99157+000 .99024+000 .98883+000  
 2 .99990+000 .99987+000 .99983+000 .99979+000 .99974+000  
 3 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .59686+000 .59595+000 .60510+000 .61433+000 .62363+000

THE TAU = .150000+001 .160000+001 .170000+001 .180000+001 .190000+001  
 -I-----SUM-P(I)-----  
 0 .79988+000 .77826+000 .76688+000 .75575+000 .74466+000  
 1 .99735+000 .98579+000 .98417+000 .98248+000 .98073+000  
 2 .99969+000 .99963+000 .99956+000 .99948+000 .99940+000  
 3 1.00000 1.00000 1.00000 1.00000 1.00000  
 4 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .53301+000 .54246+000 .65199+000 .66159+000 .67127+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

$U_2 = 2 \quad U_3 = 1$

| THE TAU = .20000+001 |              | .21000+001 | .22000+001 | .23000+001 | .24000+001 |
|----------------------|--------------|------------|------------|------------|------------|
| -I-                  |              |            | SUM-P(I)   |            |            |
| 0                    | .73419+000   | .72374+000 | .71350+000 | .70348+000 | .69366+000 |
| 1                    | .97891+000   | .97705+000 | .97512+000 | .97315+000 | .97112+000 |
| 2                    | .99931+000   | .99921+000 | .99910+000 | .99899+000 | .99887+000 |
| 3                    | .99999+000   | .99999+000 | .99998+000 | .99998+000 | .99998+000 |
| 4                    | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                    | = .69103+000 | .69086+000 | .70077+000 | .71075+000 | .72082+000 |
| THE TAU = .25000+001 |              | .26000+001 | .27000+001 | .28000+001 | .29000+001 |
| -I-                  |              |            | SUM-P(I)   |            |            |
| 0                    | .68403+000   | .67460+000 | .66536+000 | .65629+000 | .64741+000 |
| 1                    | .96905+000   | .96693+000 | .96477+000 | .96256+000 | .96032+000 |
| 2                    | .99874+000   | .99860+000 | .99845+000 | .99829+000 | .99813+000 |
| 3                    | .99997+000   | .99997+000 | .99997+000 | .99996+000 | .99996+000 |
| 4                    | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                    | = .73096+000 | .74118+000 | .75148+000 | .76186+000 | .77231+000 |
| THE TAU = .30000+001 |              | .31000+001 | .32000+001 | .33000+001 | .34000+001 |
| -I-                  |              |            | SUM-P(I)   |            |            |
| 0                    | .63869+000   | .63014+000 | .62176+000 | .61353+000 | .60546+000 |
| 1                    | .95804+000   | .95572+000 | .95336+000 | .95098+000 | .94856+000 |
| 2                    | .99795+000   | .99777+000 | .99758+000 | .99738+000 | .99717+000 |
| 3                    | .99995+000   | .99994+000 | .99994+000 | .99993+000 | .99992+000 |
| 4                    | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                    | = .78285+000 | .79347+000 | .80417+000 | .81495+000 | .82581+000 |
| THE TAU = .35000+001 |              | .36000+001 | .37000+001 | .38000+001 | .39000+001 |
| -I-                  |              |            | SUM-P(I)   |            |            |
| 0                    | .59755+000   | .58977+000 | .58215+000 | .57466+000 | .56731+000 |
| 1                    | .94611+000   | .94364+000 | .94114+000 | .93861+000 | .93605+000 |
| 2                    | .99695+000   | .99672+000 | .99648+000 | .99623+000 | .99598+000 |
| 3                    | .99991+000   | .99990+000 | .99989+000 | .99988+000 | .99987+000 |
| 4                    | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                    | = .83676+000 | .84778+000 | .85889+000 | .87008+000 | .88136+000 |
| THE TAU = .40000+001 |              | .41000+001 | .42000+001 | .43000+001 | .44000+001 |
| -I-                  |              |            | SUM-P(I)   |            |            |
| 0                    | .56009+000   | .55300+000 | .54604+000 | .53920+000 | .53248+000 |
| 1                    | .93348+000   | .93088+000 | .92826+000 | .92562+000 | .92296+000 |
| 2                    | .99571+000   | .99544+000 | .99515+000 | .99486+000 | .99455+000 |
| 3                    | .99986+000   | .99985+000 | .99983+000 | .99982+000 | .99980+000 |
| 4                    | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                    | = .89272+000 | .90416+000 | .91569+000 | .92730+000 | .93900+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2 U3 = 1

THETA = .45000+001 .46000+001 .47000+001 .48000+001 .49000+001

| -I- |              | SUM-P(I)   |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .52588+000   | .51939+000 | .51302+000 | .50676+000 | .50060+000 |
| 1   | .92029+000   | .91760+000 | .91489+000 | .91217+000 | .90943+000 |
| 2   | .99424+000   | .99392+000 | .99359+000 | .99325+000 | .99290+000 |
| 3   | .99973+000   | .99977+000 | .99975+000 | .99973+000 | .99972+000 |
| 4   | 1.00000      | 1.00000    | .99999+000 | .99999+000 | .99999+000 |
| 5   |              |            | 1.00000    | 1.00000    | 1.00000    |
| H   | = .95079+000 | .96266+000 | .97462+000 | .98666+000 | .99879+000 |

THETA = .50000+001 .52000+001 .54000+001 .56000+001 .58000+001

| -I- |              | SUM-P(I)   |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .49455+000   | .48276+000 | .47135+000 | .46032+000 | .44964+000 |
| 1   | .90668+000   | .90114+000 | .89556+000 | .88995+000 | .88430+000 |
| 2   | .99254+000   | .99179+000 | .99101+000 | .99020+000 | .98934+000 |
| 3   | .99969+000   | .99965+000 | .99960+000 | .99955+000 | .99950+000 |
| 4   | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 5   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .10110+001 | .10357+001 | .10608+001 | .10862+001 | .11120+001 |

THETA = .60000+001 .62000+001 .64000+001 .66000+001 .68000+001

| -I- |              | SUM-P(I)   |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .43931+000   | .42931+000 | .41962+000 | .41023+000 | .40113+000 |
| 1   | .87862+000   | .87293+000 | .86721+000 | .86148+000 | .85574+000 |
| 2   | .98845+000   | .99753+000 | .98657+000 | .98557+000 | .98455+000 |
| 3   | .99943+000   | .99937+000 | .99930+000 | .99923+000 | .99915+000 |
| 4   | .99998+000   | .99998+000 | .99998+000 | .99998+000 | .99997+000 |
| 5   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .11381+001 | .11647+001 | .11916+001 | .12188+001 | .12465+001 |

THETA = .70000+001 .72000+001 .74000+001 .76000+001 .78000+001

| -I- |              | SUM-P(I)   |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .39230+000   | .38375+000 | .37544+000 | .36739+000 | .35957+000 |
| 1   | .84999+000   | .84424+000 | .83849+000 | .83274+000 | .82700+000 |
| 2   | .99349+000   | .98239+000 | .98127+000 | .98011+000 | .97892+000 |
| 3   | .99906+000   | .99897+000 | .99888+000 | .99877+000 | .99867+000 |
| 4   | .99997+000   | .99997+000 | .99996+000 | .99996+000 | .99995+000 |
| 5   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .12745+001 | .13029+001 | .13318+001 | .13610+001 | .13906+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIRUTION

U2 = 2 U3 = 1

THE TAU = .80000+001 .82000+001 .84000+001 .86000+001 .88000+001

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .35197+000   | .34459+000 | .33743+000 | .33046+000 | .32369+000 |
| 1   | .82127+000   | .81554+000 | .80983+000 | .80413+000 | .79844+000 |
| 2   | .97770+000   | .97645+000 | .97517+000 | .97386+000 | .97252+000 |
| 3   | .99856+003   | .99844+000 | .99831+000 | .99818+000 | .99805+000 |
| 4   | .99995+000   | .99994+000 | .99993+000 | .99993+000 | .99992+000 |
| 5   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .14206+001 | .14510+001 | .14818+001 | .15130+001 | .15447+001 |

THE TAU = .90000+001 .92000+001 .94000+001 .96000+001 .98000+001

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .31711+000   | .31071+000 | .30448+000 | .29842+000 | .29252+000 |
| 1   | .79277+000   | .78713+000 | .78150+000 | .77589+000 | .77031+000 |
| 2   | .97115+000   | .96975+000 | .96833+000 | .96688+000 | .96541+000 |
| 3   | .99790+000   | .99776+000 | .99750+000 | .99744+000 | .99727+000 |
| 4   | .99991+000   | .99990+000 | .99989+000 | .99988+000 | .99987+000 |
| 5   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .15767+001 | .16092+001 | .16421+001 | .16755+001 | .17093+001 |

THE TAU = .10000+002 .10200+002 .10400+002 .10600+002 .10800+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .28678+000   | .28119+000 | .27575+000 | .27045+000 | .26528+000 |
| 1   | .76475+000   | .75922+000 | .75371+000 | .74823+000 | .74278+000 |
| 2   | .96391+000   | .96238+000 | .96083+000 | .95925+000 | .95766+000 |
| 3   | .99710+000   | .99692+000 | .99673+000 | .99654+000 | .99633+000 |
| 4   | .99986+000   | .99985+000 | .99984+000 | .99983+000 | .99982+000 |
| 5   | 1.00000      | 1.00000    | 1.00000    | .99999+000 | .99999+000 |
| 6   |              |            |            | 1.00000    | 1.00000    |
| H   | = .17435+001 | .17781+001 | .18132+001 | .18488+001 | .18848+001 |

THE TAU = .11000+002 .11200+002 .11400+002 .11600+002 .11800+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .26024+000   | .25534+000 | .25055+000 | .24589+000 | .24134+000 |
| 1   | .73736+000   | .73196+000 | .72660+000 | .72127+000 | .71597+000 |
| 2   | .95604+000   | .95439+000 | .95273+000 | .95104+000 | .94933+000 |
| 3   | .99613+000   | .99591+000 | .99569+000 | .99546+000 | .99522+000 |
| 4   | .99980+000   | .99979+000 | .99977+000 | .99975+000 | .99974+000 |
| 5   | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 6   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .19213+001 | .19582+001 | .19956+001 | .20334+001 | .20718+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 2 U3 = 1

| THE TAU = .12000+002 |              | .12200+002 | .12400+002 | .12600+002 | .12800+002 |
|----------------------|--------------|------------|------------|------------|------------|
| -I-                  |              | SUM-P(I)   |            |            |            |
| 0                    | .23690+000   | .23257+000 | .22835+000 | .22422+000 | .22020+000 |
| 1                    | .71070+000   | .70546+000 | .70026+000 | .69509+000 | .68995+000 |
| 2                    | .94760+000   | .94585+000 | .94408+000 | .94230+000 | .94049+000 |
| 3                    | .99498+000   | .99473+000 | .99447+000 | .99421+000 | .99394+000 |
| 4                    | .99972+000   | .99970+000 | .99968+000 | .99965+000 | .99964+000 |
| 5                    | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 6                    | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                    | = .21106+001 | .21499+001 | .21897+001 | .22299+001 | .22707+001 |
| THE TAU = .13000+002 |              | .13200+002 | .13400+002 | .13600+002 | .13800+002 |
| -I-                  |              | SUM-P(I)   |            |            |            |
| 0                    | .21627+000   | .21243+000 | .20868+000 | .20502+000 | .20145+000 |
| 1                    | .68485+000   | .67979+000 | .67475+000 | .66975+000 | .66478+000 |
| 2                    | .93867+000   | .93682+000 | .93496+000 | .93309+000 | .93120+000 |
| 3                    | .99366+000   | .99337+000 | .99308+000 | .99278+000 | .99247+000 |
| 4                    | .99962+000   | .99959+000 | .99957+000 | .99954+000 | .99952+000 |
| 5                    | .99999+000   | .99998+000 | .99998+000 | .99998+000 | .99998+000 |
| 6                    | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                    | = .23119+001 | .23537+001 | .23960+001 | .24387+001 | .24820+001 |
| THE TAU = .14000+002 |              | .14200+002 | .14400+002 | .14600+002 | .14800+002 |
| -I-                  |              | SUM-P(I)   |            |            |            |
| 0                    | .19795+000   | .19454+000 | .19120+000 | .18794+000 | .18475+000 |
| 1                    | .65985+000   | .65495+000 | .65009+000 | .64526+000 | .64047+000 |
| 2                    | .92929+000   | .92736+000 | .92542+000 | .92347+000 | .92150+000 |
| 3                    | .99216+000   | .99183+000 | .99150+000 | .99117+000 | .99082+000 |
| 4                    | .99949+000   | .99946+000 | .99943+000 | .99940+000 | .99937+000 |
| 5                    | .99998+000   | .99998+000 | .99998+000 | .99997+000 | .99997+000 |
| 6                    | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                    | = .25258+001 | .25702+001 | .26130+001 | .26604+001 | .27063+001 |
| THE TAU = .15000+002 |              | .15500+002 | .16000+002 | .16500+002 | .17000+002 |
| -I-                  |              | SUM-P(I)   |            |            |            |
| 0                    | .18163+000   | .17413+000 | .16703+000 | .16031+000 | .15393+000 |
| 1                    | .63572+000   | .62398+000 | .61246+000 | .60116+000 | .59008+000 |
| 2                    | .91952+000   | .91450+000 | .90941+000 | .90425+000 | .89901+000 |
| 3                    | .99047+000   | .98956+000 | .98860+000 | .98759+000 | .98654+000 |
| 4                    | .99934+000   | .99925+000 | .99916+000 | .99905+000 | .99894+000 |
| 5                    | .99997+000   | .99997+000 | .99996+000 | .99995+000 | .99995+000 |
| 6                    | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                    | = .27528+001 | .28714+001 | .29934+001 | .31190+001 | .32482+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 2 U3 = 1

THE TA= .17500+002 .18000+002 .18500+002 .19000+002 .19500+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .14788+000   | .14214+000 | .13668+000 | .13149+000 | .12655+000 |
| 1   | .57921+000   | .56855+000 | .55811+000 | .54787+000 | .53784+000 |
| 2   | .89372+000   | .88836+000 | .88296+000 | .87750+000 | .87201+000 |
| 3   | .99545+000   | .98431+000 | .98312+000 | .98189+000 | .98061+000 |
| 4   | .99883+000   | .99870+000 | .99856+000 | .99842+000 | .99826+000 |
| 5   | .99994+000   | .99993+000 | .99992+000 | .99991+000 | .99990+000 |
| 6   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .33811+001 | .35177+001 | .36582+001 | .38026+001 | .39510+001 |

THE TA= .20000+002 .21000+002 .22000+002 .23000+002 .24000+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .12185+000   | .11310+000 | .10514+000 | .97878-001 | .91247-001 |
| 1   | .52801+000   | .50894+000 | .49064+000 | .47308+000 | .45623+000 |
| 2   | .86647+000   | .85530+000 | .84401+000 | .83265+000 | .82122+000 |
| 3   | .97929+000   | .97653+000 | .97359+000 | .97048+000 | .96721+000 |
| 4   | .99810+000   | .99774+000 | .99734+000 | .99690+000 | .99641+000 |
| 5   | .99989+000   | .99986+000 | .99983+000 | .99979+000 | .99975+000 |
| 6   | 1.00000      | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 7   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .41035+001 | .44210+001 | .47557+001 | .51084+001 | .54797+001 |

THE TA= .25000+002 .30000+002 .35000+002 .40000+002 .45000+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .85175-001   | .61431-001 | .45417-001 | .34264-001 | .26291-001 |
| 1   | .44007+000   | .36959+000 | .31035+000 | .26269+000 | .22347+000 |
| 2   | .80976+000   | .75253+000 | .69671+000 | .64340+000 | .59318+000 |
| 3   | .96379+000   | .94450+000 | .92208+000 | .89720+000 | .87047+000 |
| 4   | .99538+000   | .99249+000 | .98782+000 | .98181+000 | .97445+000 |
| 5   | .99970+000   | .99935+000 | .99878+000 | .99792+000 | .99673+000 |
| 6   | .99999+000   | .99996+000 | .99992+000 | .99984+000 | .99972+000 |
| 7   | 1.00000      | 1.00000    | 1.00000    | .99999+000 | .99998+000 |
| 8   |              |            |            | 1.00000    | 1.00000    |
| H   | = .59703+001 | .81392+001 | .11009+002 | .14593+002 | .19018+002 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2 U3 = 1

THETA = .50000+002 .55000+002 .60000+002 .65000+002 .70000+002

|     |   | SUM-P(I)   |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .20466-001 | .16132-001 | .12855-001 | .10343-001 | .83945-002 |
| 0   |   | .19101+000 | .16400+000 | .14140+000 | .12239+000 | .10633+000 |
| 1   |   | .54633+007 | .50288+000 | .46277+000 | .42587+000 | .39198+000 |
| 2   |   | .84242+000 | .81351+000 | .78414+000 | .75463+000 | .72523+000 |
| 3   |   | .96579+000 | .95589+000 | .94483+000 | .93271+000 | .91963+000 |
| 4   |   | .99516+000 | .99318+000 | .99074+000 | .98783+000 | .98443+000 |
| 5   |   | .99953+003 | .99928+000 | .99894+000 | .99849+000 | .99793+000 |
| 6   |   | .99997+000 | .99995+000 | .99991+000 | .99987+000 | .99980+000 |
| 7   |   | 1.00000    | 1.00000    | .99999+000 | .99999+000 | .99999+000 |
| 8   |   |            |            | 1.00000    | 1.00000    | 1.00000    |
| 9   |   |            |            |            |            |            |
| H   | = | .24431+002 | .30995+002 | .38896+002 | .48341+002 | .59563+002 |

THETA = .75000+002 .80000+002 .85000+002 .90000+002 .95000+002

|     |   | SUM-P(I)   |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .58661-002 | .56557-002 | .46886-002 | .39098-002 | .32781-002 |
| 0   |   | .92692-001 | .81065-001 | .71110-001 | .62557-001 | .55181-001 |
| 1   |   | .36090+000 | .33243+000 | .30635+000 | .28248+000 | .26063+000 |
| 2   |   | .69616+000 | .66758+000 | .63962+000 | .61238+000 | .58592+000 |
| 3   |   | .90570+000 | .89101+000 | .87568+000 | .85979+000 | .84345+000 |
| 4   |   | .98053+000 | .97613+000 | .97123+000 | .96583+000 | .95995+000 |
| 5   |   | .99723+000 | .99640+000 | .99540+003 | .99423+000 | .99289+000 |
| 6   |   | .99972+000 | .99961+000 | .99947+000 | .99930+000 | .99910+000 |
| 7   |   | .99998+000 | .99997+000 | .99996+000 | .99994+000 | .99992+000 |
| 8   |   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 9   |   |            |            |            |            | 1.00000    |
| 10  |   |            |            |            |            |            |
| H   | = | .72821+002 | .88407+002 | .10664+003 | .12788+003 | .15253+003 |

THETA = .10000+003

|     |   | SUM-P(I)   |  |  |  |
|-----|---|------------|--|--|--|
| -I- |   | .27622-002 |  |  |  |
| 0   |   | .48799-001 |  |  |  |
| 1   |   | .24062+000 |  |  |  |
| 2   |   | .56032+000 |  |  |  |
| 3   |   | .82673+000 |  |  |  |
| 4   |   | .95360+000 |  |  |  |
| 5   |   | .99135+000 |  |  |  |
| 6   |   | .99885+000 |  |  |  |
| 7   |   | .99989+000 |  |  |  |
| 8   |   | .99999+000 |  |  |  |
| 9   |   | 1.00000    |  |  |  |
| 10  |   |            |  |  |  |
| H   | = | .18102+003 |  |  |  |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 2 U3 = 2

| THETA = .00000+000 .10000-001 .20000-001 .30000-001 .40000-001 |              |            |            |            |            |
|--|--------------|------------|------------|------------|------------|
| -I-----SUM-P(I)-----   |              |            |            |            |            |
| 0  | 1.00000      | .99889+000 | .99778+000 | .99667+000 | .99557+000 |
| 1  |              | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 2  |              |            |            |            | 1.00000    |
| H  | = .25000+000 | .25028+000 | .25056+000 | .25083+000 | .25111+000 |
| THETA = .50000-001 .60000-001 .70000-001 .80000-001 .90000-001 |              |            |            |            |            |
| -I-----SUM-P(I)-----   |              |            |            |            |            |
| 0  | .99447+000   | .99337+000 | .99227+000 | .99117+000 | .99007+000 |
| 1  | .99999+000   | .99999+000 | .99998+000 | .99998+000 | .99997+000 |
| 2  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H  | = .25139+000 | .25167+000 | .25195+000 | .25223+000 | .25251+000 |
| THETA = .10000+000 .11000+000 .12000+000 .13000+000 .14000+000 |              |            |            |            |            |
| -I-----SUM-P(I)-----   |              |            |            |            |            |
| 0  | .99898+000   | .98788+000 | .98679+000 | .98570+000 | .98462+000 |
| 1  | .99997+000   | .99996+000 | .99995+000 | .99994+000 | .99993+000 |
| 2  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H  | = .25279+000 | .25307+000 | .25335+000 | .25363+000 | .25391+000 |
| THETA = .15000+000 .16000+000 .17000+000 .18000+000 .19000+000 |              |            |            |            |            |
| -I-----SUM-P(I)-----   |              |            |            |            |            |
| 0  | .99353+000   | .98245+000 | .98136+000 | .98028+000 | .97920+000 |
| 1  | .99992+000   | .99991+000 | .99990+000 | .99989+000 | .99988+000 |
| 2  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H  | = .25419+000 | .25447+000 | .25475+000 | .25503+000 | .25531+000 |
| THETA = .20000+000 .21000+000 .22000+000 .23000+000 .24000+000 |              |            |            |            |            |
| -I-----SUM-P(I)-----   |              |            |            |            |            |
| 0  | .97813+000   | .97705+000 | .97598+000 | .97491+000 | .97384+000 |
| 1  | .99986+000   | .99985+000 | .99984+000 | .99982+000 | .99980+000 |
| 2  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H  | = .25559+000 | .25587+000 | .25615+000 | .25643+000 | .25672+000 |
| THETA = .25000+000 .26000+000 .27000+000 .28000+000 .29000+000 |              |            |            |            |            |
| -I-----SUM-P(I)-----   |              |            |            |            |            |
| 0  | .97277+000   | .97170+000 | .97063+000 | .96957+000 | .96851+000 |
| 1  | .99979+000   | .99977+000 | .99975+000 | .99974+000 | .99972+000 |
| 2  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H  | = .25700+000 | .25729+000 | .25756+000 | .25785+000 | .25813+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSSEL DISTRIBUTION

U2 = 2 U3 = 2

| THE TAU = .30000+000 .31000+000 .32000+000 .33000+000 .34000+000 |            |            |            |            |            |
|--|------------|------------|------------|------------|------------|
| -I-----SUM-P(I)-----   |            |            |            |            |            |
| 0  | .96745+000 | .96639+000 | .96533+000 | .96428+000 | .96322+000 |
| 1  | .99970+000 | .99968+000 | .99966+000 | .99963+000 | .99961+000 |
| 2  | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =  | .25841+000 | .25869+000 | .25898+000 | .25926+000 | .25955+000 |
| THE TAU = .35000+000 .36000+000 .37000+000 .38000+000 .39000+000 |            |            |            |            |            |
| -I-----SUM-P(I)-----   |            |            |            |            |            |
| 0  | .96217+000 | .96112+000 | .96007+000 | .95902+000 | .95798+000 |
| 1  | .99959+000 | .99957+000 | .99954+000 | .99952+000 | .99949+000 |
| 2  | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =  | .25983+000 | .26011+000 | .26040+000 | .26068+000 | .26097+000 |
| THE TAU = .40000+000 .41000+000 .42000+000 .43000+000 .44000+000 |            |            |            |            |            |
| -I-----SUM-P(I)-----   |            |            |            |            |            |
| 0  | .95694+000 | .95589+000 | .95485+000 | .95381+000 | .95278+000 |
| 1  | .99947+000 | .99944+000 | .99941+000 | .99938+000 | .99936+000 |
| 2  | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =  | .26125+000 | .26154+000 | .26182+000 | .26211+000 | .26239+000 |
| THE TAU = .45000+000 .46000+000 .47000+000 .48000+000 .49000+000 |            |            |            |            |            |
| -I-----SUM-P(I)-----   |            |            |            |            |            |
| 0  | .95174+000 | .95071+000 | .94967+000 | .94864+000 | .94761+000 |
| 1  | .99933+000 | .99930+000 | .99927+000 | .99924+000 | .99920+000 |
| 2  | 1.00000    | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 3  |            |            |            |            | 1.00000    |
| H =  | .26268+000 | .26296+000 | .26325+000 | .26353+000 | .26382+000 |
| THE TAU = .50000+000 .60000+000 .70000+000 .80000+000 .90000+000 |            |            |            |            |            |
| -I-----SUM-P(I)-----   |            |            |            |            |            |
| 0  | .94658+000 | .93639+000 | .92636+000 | .91648+000 | .90674+000 |
| 1  | .99917+000 | .99882+000 | .99841+000 | .99794+000 | .99742+000 |
| 2  | .99999+000 | .99999+000 | .99999+000 | .99998+000 | .99997+000 |
| 3  | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =  | .26411+000 | .26698+000 | .26987+000 | .27278+000 | .27571+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2 U3 = 2

THE TAU = .10000+001 .11000+001 .12000+001 .13000+001 .14000+001

| -I- |              | SUM-P(I)   |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .89716+000   | .88772+000 | .87842+000 | .86925+000 | .86022+000 |
| 1   | .99684+000   | .99622+000 | .99554+000 | .99481+000 | .99404+000 |
| 2   | .99996+000   | .99994+000 | .99993+000 | .99991+000 | .99989+000 |
| 3   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .27866+000 | .28162+000 | .28460+000 | .28760+000 | .29062+000 |

THE TAU = .15000+001 .16000+001 .17000+001 .18000+001 .19000+001

| -I- |              | SUM-P(I)   |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .85133+001   | .84256+000 | .83392+000 | .82541+000 | .81702+000 |
| 1   | .99321+000   | .99235+000 | .99144+000 | .99049+000 | .98950+000 |
| 2   | .99987+000   | .99984+000 | .99981+000 | .99977+000 | .99974+000 |
| 3   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .29366+000 | .29671+000 | .29979+000 | .30288+000 | .30599+000 |

THE TAU = .20000+001 .21000+001 .22000+001 .23000+001 .24000+001

| -I- |              | SUM-P(I)   |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .83874+000   | .80059+000 | .79255+000 | .78462+000 | .77681+000 |
| 1   | .99846+000   | .98739+000 | .98628+000 | .98514+000 | .98396+000 |
| 2   | .99970+000   | .99965+000 | .99960+000 | .99955+000 | .99949+000 |
| 3   | 1.00000      | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 4   |              | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .30912+000 | .31227+000 | .31544+000 | .31862+000 | .32183+000 |

THE TAU = .25000+001 .26000+001 .27000+001 .28000+001 .29000+001

| -I- |              | SUM-P(I)   |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .76910+000   | .76150+000 | .75401+000 | .74662+000 | .73933+000 |
| 1   | .99274+000   | .98149+000 | .98021+000 | .97890+000 | .97756+000 |
| 2   | .99943+000   | .99937+000 | .99930+000 | .99923+000 | .99915+000 |
| 3   | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99998+000 |
| 4   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .32505+000 | .32830+000 | .33156+000 | .33494+000 | .33814+000 |

THE TAU = .30000+001 .31000+001 .32000+001 .33000+001 .34000+001

| -I- |              | SUM-P(I)   |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .73214+000   | .72505+000 | .71805+000 | .71115+000 | .70433+000 |
| 1   | .97619+000   | .97478+000 | .97336+000 | .97190+000 | .97042+000 |
| 2   | .99907+000   | .99898+000 | .99899+000 | .99879+000 | .99869+000 |
| 3   | .99998+000   | .99998+000 | .99998+000 | .99997+000 | .99997+000 |
| 4   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .34146+000 | .34481+000 | .34817+000 | .35155+000 | .35494+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 2 U3 = 2

THETA= .35000+001 .36000+001 .37000+001 .38000+001 .39000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- |              | SUM-P(I)   |            |            |            |
| 0   | .69761+000   | .69098+000 | .58444+000 | .67798+000 | .67161+000 |
| 1   | .96891+000   | .96738+000 | .96582+000 | .96424+000 | .96264+000 |
| 2   | .99858+000   | .99847+000 | .99835+000 | .99823+000 | .99810+000 |
| 3   | .99997+000   | .99996+000 | .99996+000 | .99995+000 | .99995+000 |
| 4   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .35836+000 | .36180+000 | .36526+000 | .36874+000 | .37224+000 |

THETA= .40000+001 .41000+001 .42000+001 .43000+001 .44000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- |              | SUM-P(I)   |            |            |            |
| 0   | .66532+000   | .65911+000 | .65298+000 | .64693+000 | .64095+000 |
| 1   | .96101+000   | .95937+000 | .95770+000 | .95601+000 | .95431+000 |
| 2   | .99797+000   | .99784+000 | .99769+000 | .99755+000 | .99739+000 |
| 3   | .99994+000   | .99994+000 | .99993+000 | .99993+000 | .99992+000 |
| 4   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .37576+000 | .37930+000 | .38286+000 | .38644+000 | .39004+000 |

THETA= .45000+001 .46000+001 .47000+001 .48000+001 .49000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- |              | SUM-P(I)   |            |            |            |
| 0   | .63506+000   | .62923+000 | .62348+000 | .61781+000 | .61220+000 |
| 1   | .95258+000   | .95084+000 | .94908+000 | .94730+000 | .94551+000 |
| 2   | .99724+000   | .99707+000 | .99690+000 | .99673+000 | .99655+000 |
| 3   | .99991+000   | .99991+000 | .99990+000 | .99989+000 | .99988+000 |
| 4   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .39367+000 | .39731+000 | .40097+000 | .40466+000 | .40836+000 |

THETA= .50000+001 .52000+001 .54000+001 .56000+001 .58000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- |              | SUM-P(I)   |            |            |            |
| 0   | .60667+000   | .59580+000 | .58520+000 | .57486+000 | .56476+000 |
| 1   | .94370+000   | .94004+000 | .93632+000 | .93254+000 | .92872+000 |
| 2   | .99636+000   | .99598+000 | .99557+000 | .99514+000 | .99469+000 |
| 3   | .99988+000   | .99986+000 | .99984+000 | .99981+000 | .99979+000 |
| 4   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .41209+000 | .41960+000 | .42720+000 | .43489+000 | .44266+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2 U3 = 2

THETA = .60000+001 .62000+001 .64000+001 .66000+001 .68000+001  
-I-----SUM-P(I)-----

|   |              |            |            |            |            |
|---|--------------|------------|------------|------------|------------|
| 0 | .55491+000   | .54529+000 | .53590+000 | .52673+000 | .51777+000 |
| 1 | .92485+000   | .92094+000 | .91698+000 | .91299+000 | .90897+000 |
| 2 | .99421+000   | .99372+000 | .99320+000 | .99266+000 | .99210+000 |
| 3 | .99976+000   | .99973+000 | .99970+000 | .99967+000 | .99963+000 |
| 4 | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 5 | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H | = .45052+000 | .45847+000 | .46651+000 | .47463+000 | .48284+000 |

THETA = .70000+001 .72000+001 .74000+001 .76000+001 .78000+001

|   |              |            |            |            |            |
|---|--------------|------------|------------|------------|------------|
| 0 | .50901+000   | .50046+000 | .49210+000 | .48393+000 | .47554+000 |
| 1 | .90491+000   | .90082+000 | .89671+000 | .89258+000 | .88842+000 |
| 2 | .99151+000   | .99091+000 | .99028+000 | .98963+000 | .98896+000 |
| 3 | .99960+000   | .99955+000 | .99951+000 | .99946+000 | .99942+000 |
| 4 | .99995+000   | .99999+000 | .99999+000 | .99998+000 | .99998+000 |
| 5 | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H | = .49115+000 | .49954+000 | .50803+000 | .51661+000 | .52528+000 |

THETA = .80000+001 .82000+001 .84000+001 .86000+001 .88000+001

|   |              |            |            |            |            |
|---|--------------|------------|------------|------------|------------|
| 0 | .46813+000   | .46849+000 | .45302+000 | .44571+000 | .43856+000 |
| 1 | .88424+000   | .88004+000 | .87583+000 | .87160+000 | .86736+000 |
| 2 | .98827+000   | .98755+000 | .98682+000 | .98606+000 | .98529+000 |
| 3 | .99936+000   | .99931+000 | .99925+000 | .99919+000 | .99912+000 |
| 4 | .99998+000   | .99998+000 | .99997+000 | .99997+000 | .99997+000 |
| 5 | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H | = .53404+000 | .54290+000 | .55186+000 | .56091+000 | .57005+000 |

THETA = .90000+001 .92000+001 .94000+001 .96000+001 .98000+001

|   |              |            |            |            |            |
|---|--------------|------------|------------|------------|------------|
| 0 | .43156+000   | .42471+000 | .41801+000 | .41144+000 | .40502+000 |
| 1 | .86311+000   | .85886+000 | .85459+000 | .85032+000 | .84604+000 |
| 2 | .98449+000   | .98367+000 | .98284+000 | .98198+000 | .98110+000 |
| 3 | .99906+000   | .99898+000 | .99891+000 | .99883+000 | .99875+000 |
| 4 | .99997+000   | .99996+000 | .99996+000 | .99995+000 | .99995+000 |
| 5 | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H | = .57930+000 | .58864+000 | .59808+000 | .60762+000 | .61726+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSIE. DISTRIBUTION

U2 = 2 U3 = 2

| THETA = | .10000+002 | .10200+002 | .10400+002 | .10600+002 | .10800+002 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .39873+000 | .39257+000 | .38653+000 | .38062+000 | .37483+000 |
| 1       | .84176+000 | .83747+000 | .83319+000 | .82890+000 | .82462+000 |
| 2       | .98020+000 | .97929+000 | .97835+000 | .97740+000 | .97643+000 |
| 3       | .99866+000 | .99858+000 | .99848+000 | .99839+000 | .99829+000 |
| 4       | .99995+000 | .99994+000 | .99994+000 | .99993+000 | .99993+000 |
| 5       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .62699+000 | .63684+000 | .64678+000 | .65682+000 | .66697+000 |
| THETA = | .11000+002 | .11200+002 | .11400+002 | .11600+002 | .11800+002 |
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .36915+000 | .36359+000 | .35814+000 | .35280+000 | .34756+000 |
| 1       | .82034+000 | .81606+000 | .81179+000 | .80752+000 | .80325+000 |
| 2       | .97543+000 | .97442+000 | .97340+000 | .97235+000 | .97129+000 |
| 3       | .99818+000 | .99807+000 | .99796+000 | .99785+000 | .99773+000 |
| 4       | .99992+000 | .99991+000 | .99991+000 | .99990+000 | .99989+000 |
| 5       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .67723+000 | .68758+000 | .69805+000 | .70862+000 | .71930+000 |
| THETA = | .12000+002 | .12200+002 | .12400+002 | .12600+002 | .12800+002 |
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .34243+000 | .33739+000 | .33245+000 | .32761+000 | .32286+000 |
| 1       | .79899+000 | .79474+000 | .79050+000 | .78627+000 | .78204+000 |
| 2       | .97021+000 | .96911+000 | .96800+000 | .96686+000 | .96572+000 |
| 3       | .99760+000 | .99747+000 | .99734+000 | .99720+000 | .99706+000 |
| 4       | .99988+000 | .99988+000 | .99987+000 | .99986+000 | .99985+000 |
| 5       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .73008+000 | .74098+000 | .75198+000 | .76310+000 | .77432+000 |
| THETA = | .13000+002 | .13200+002 | .13400+002 | .13600+002 | .13800+002 |
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .31820+000 | .31363+000 | .30915+000 | .30475+000 | .30043+000 |
| 1       | .77783+000 | .77365+000 | .76943+000 | .76525+000 | .76108+000 |
| 2       | .96455+000 | .96337+000 | .96218+000 | .96097+000 | .95974+000 |
| 3       | .99692+000 | .99677+000 | .99661+000 | .99646+000 | .99629+000 |
| 4       | .99984+000 | .99983+000 | .99982+000 | .99981+000 | .99980+000 |
| 5       | .99999+000 | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 6       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .78566+000 | .79711+000 | .80868+000 | .82036+000 | .83215+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2 U3 = 2

| THETA = .14000+002 |              | .14200+002 | .14400+002 | .14600+002 | .14800+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .29619+000   | .29203+000 | .28794+000 | .28393+000 | .28000+000 |
| 1                  | .75693+000   | .75278+000 | .74865+000 | .74454+000 | .74043+000 |
| 2                  | .95850+000   | .95724+000 | .95597+000 | .95469+000 | .95339+000 |
| 3                  | .99612+000   | .99595+000 | .99578+000 | .99560+000 | .99541+000 |
| 4                  | .99978+000   | .99977+000 | .99976+000 | .99974+000 | .99973+000 |
| 5                  | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 6                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .84406+000 | .85608+000 | .86823+000 | .88049+000 | .89287+000 |

| THETA = .15000+002 |              | .15500+002 | .16000+002 | .16500+002 | .17000+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .27613+000   | .26677+000 | .25781+000 | .24924+000 | .24104+000 |
| 1                  | .73635+000   | .72620+000 | .71614+000 | .70619+000 | .69635+000 |
| 2                  | .95207+000   | .94873+000 | .94531+000 | .94181+000 | .93823+000 |
| 3                  | .99522+000   | .99472+000 | .99420+000 | .99364+000 | .99306+000 |
| 4                  | .99971+000   | .99967+000 | .99963+000 | .99958+000 | .99953+000 |
| 5                  | .99999+000   | .99999+000 | .99998+000 | .99998+000 | .99998+000 |
| 6                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .90537+000 | .93715+000 | .96970+000 | .10030+001 | .10372+001 |

| THETA = .17500+002 |              | .18000+002 | .18500+002 | .19000+002 | .19500+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .23319+000   | .22566+000 | .21845+000 | .21153+000 | .20489+000 |
| 1                  | .68662+000   | .67699+000 | .66749+000 | .65810+000 | .64882+000 |
| 2                  | .93458+000   | .93087+000 | .92709+000 | .92324+000 | .91934+000 |
| 3                  | .99244+000   | .99180+000 | .99112+000 | .99041+000 | .98968+000 |
| 4                  | .99947+000   | .99941+000 | .99935+000 | .99928+000 | .99920+000 |
| 5                  | .99998+000   | .99997+000 | .99997+000 | .99996+000 | .99996+000 |
| 6                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .10721+001 | .11078+001 | .11444+001 | .11819+001 | .12202+001 |

| THETA = .20000+002 |              | .21000+002 | .22000+002 | .23000+002 | .24000+002 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .19852+000   | .18651+000 | .17542+000 | .16516+000 | .15566+000 |
| 1                  | .63967+000   | .62171+000 | .60424+000 | .58725+000 | .57074+000 |
| 2                  | .91538+000   | .90731+000 | .89905+000 | .89062+000 | .88205+000 |
| 3                  | .98891+000   | .98728+000 | .98553+000 | .98366+000 | .98166+000 |
| 4                  | .99912+000   | .99894+000 | .99874+000 | .99852+000 | .99827+000 |
| 5                  | .99996+000   | .99994+000 | .99993+000 | .99991+000 | .99989+000 |
| 6                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .12593+001 | .13404+001 | .14251+001 | .15136+001 | .16061+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSSEL DISTRIBUTION

U2 = 2 U3 = 2

THETA= .25000+002 .30000+002 .35000+002 .40000+002 .45000+002  
 -I- ----- SUM-P(I) -----  
 0 .14683+000 .11107+000 .85577-001 .66955-001 .53075-001  
 1 .55469+000 .48131+000 .41838+000 .36453+000 .31845+000  
 2 .87334+000 .82840+000 .78238+000 .73650+000 .69163+000  
 3 .97955+000 .96724+000 .95224+000 .93489+000 .91554+000  
 4 .99799+000 .99617+000 .99353+000 .99000+000 .98552+000  
 5 .99987+000 .99971+000 .99943+000 .99899+000 .99837+000  
 6 .99999+000 .99998+000 .99997+000 .99993+000 .99987+000  
 7 1.00000 1.00000 1.00000 1.00000 1.00000  
 8  
 H = .17026+001 .22508+001 .29213+001 .37339+001 .47103+001

THETA= .50000+002 .55000+002 .60000+002 .65000+002 .70000+002  
 -I- ----- SUM-P(I) -----  
 0 .42551-001 .34454-001 .28144-001 .23171-001 .19211-001  
 1 .27895+000 .24501+000 .21577+000 .19051+000 .16863+000  
 2 .64832+000 .60690+000 .56757+000 .53043+000 .49549+000  
 3 .89456+000 .87228+000 .84901+000 .82503+000 .80056+000  
 4 .98007+000 .97365+000 .96628+000 .95800+000 .94886+000  
 5 .99751+000 .99640+000 .99500+000 .99328+000 .99123+000  
 6 .99979+000 .99966+000 .99949+000 .99926+000 .99896+000  
 7 .99999+000 .99998+000 .99996+000 .99994+000 .99991+000  
 8 1.00000 1.00000 1.00000 1.00000 1.00000  
 9  
 H = .58753+001 .72560+001 .88828+001 .10799+002 .13013+002

THETA= .75000+002 .80000+002 .85000+002 .90000+002 .95000+002  
 -I- ----- SUM-P(I) -----  
 0 .16031-001 .13455-001 .11354-001 .96286-002 .82025-002  
 1 .14962+000 .13306+000 .11859+000 .10591+000 .94785-001  
 2 .46273+000 .43207+000 .40343+000 .37672+000 .35183+000  
 3 .77583+000 .75101+000 .72625+000 .70169+000 .67741+000  
 4 .93891+000 .92820+000 .91681+000 .90479+000 .89221+000  
 5 .98883+000 .98606+000 .98292+000 .97940+000 .97549+000  
 6 .99858+000 .99812+000 .99755+000 .99688+000 .99610+000  
 7 .99987+000 .99982+000 .99975+000 .99966+000 .99955+000  
 8 .99999+000 .99999+000 .99998+000 .99997+000 .99996+000  
 9 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .15595+002 .18590+002 .22018+002 .25964+002 .30478+002

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 2 U3 = 2

THETA= .10000+003

| -I- |   | SUM-P(I)   |  |  |  |  |
|-----|---|------------|--|--|--|--|
| 0   |   | .70173-002 |  |  |  |  |
| 1   |   | .84987-001 |  |  |  |  |
| 2   |   | .32864+000 |  |  |  |  |
| 3   |   | .65352+000 |  |  |  |  |
| 4   |   | .87912+000 |  |  |  |  |
| 5   |   | .97121+000 |  |  |  |  |
| 6   |   | .99519+000 |  |  |  |  |
| 7   |   | .99942+000 |  |  |  |  |
| 8   |   | .99995+000 |  |  |  |  |
| 9   |   | 1.00000    |  |  |  |  |
| H   | = | .35626+002 |  |  |  |  |

U2 = 3 U3 = 0

| THETA= .00000+000 |              | .10000-001 | .20000-001 | .30000-001 | .40000-001 |
|-------------------|--------------|------------|------------|------------|------------|
| -I-               |              | SUM-P(I)   |            |            |            |
| 0                 | 1.00000      | .99750+000 | .99502+000 | .99254+000 | .99008+000 |
| 1                 |              | 1.00000    | 1.00000    | .99999+000 | .99998+000 |
| 2                 |              |            |            | 1.00000    | 1.00000    |
| H                 | = .16667+000 | .16708+000 | .16750+000 | .16792+000 | .16834+000 |

| THETA= .50000-001 |              | .60000-001 | .70000-001 | .80000-001 | .90000-001 |
|-------------------|--------------|------------|------------|------------|------------|
| -I-               |              | SUM-P(I)   |            |            |            |
| 0                 | .98762+000   | .98518+000 | .98274+000 | .98032+000 | .97790+000 |
| 1                 | .99997+000   | .99996+000 | .99994+000 | .99992+000 | .99990+000 |
| 2                 | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                 | = .16876+000 | .16917+000 | .16959+000 | .17001+000 | .17043+000 |

| THETA= .10000+000 |              | .11000+000 | .12000+000 | .13000+000 | .14000+000 |
|-------------------|--------------|------------|------------|------------|------------|
| -I-               |              | SUM-P(I)   |            |            |            |
| 0                 | .97549+000   | .97309+000 | .97070+000 | .96832+000 | .96595+000 |
| 1                 | .99988+000   | .99985+000 | .99982+000 | .99979+000 | .99976+000 |
| 2                 | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                 | = .17085+000 | .17128+000 | .17170+000 | .17212+000 | .17254+000 |

| THETA= .15000+000 |              | .16000+000 | .17000+000 | .18000+000 | .19000+000 |
|-------------------|--------------|------------|------------|------------|------------|
| -I-               |              | SUM-P(I)   |            |            |            |
| 0                 | .96359+000   | .96124+000 | .95890+000 | .95657+000 | .95424+000 |
| 1                 | .99973+000   | .99969+000 | .99965+000 | .99961+000 | .99957+000 |
| 2                 | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                 | = .17296+000 | .17339+000 | .17381+000 | .17423+000 | .17466+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 0

THETA= .20000+000 .21000+000 .22000+000 .23000+000 .24000+000  
 -I-----SUM-P(I)-----  
 0 .95193+000 .94962+000 .94732+000 .94503+000 .94275+000  
 1 .99952+000 .99947+000 .99942+000 .99937+000 .99932+000  
 2 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .17508+000 .17551+000 .17593+000 .17636+000 .17679+000

THETA= .25000+000 .26000+000 .27000+000 .28000+000 .29000+000  
 -I-----SUM-P(I)-----  
 0 .94048+000 .93822+000 .93597+000 .93372+000 .93148+000  
 1 .99926+000 .99920+000 .99914+000 .99908+000 .99902+000  
 2 1.00000 1.00000 1.00000 1.00000 1.00000  
 3 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .17721+000 .17764+000 .17807+000 .17850+000 .17893+000

THETA= .30000+000 .31000+000 .32000+000 .33000+000 .34000+000  
 -I-----SUM-P(I)-----  
 0 .92925+000 .92703+000 .92482+000 .92262+000 .92043+000  
 1 .99895+000 .99888+000 .99881+000 .99874+000 .99866+000  
 2 .99999+000 .99999+000 .99999+000 .99999+000 .99999+000  
 3 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .17936+000 .17978+000 .18021+000 .18064+000 .18108+000

THETA= .35000+000 .36000+000 .37000+000 .38000+000 .39000+000  
 -I-----SUM-P(I)-----  
 0 .91824+000 .91606+000 .91389+000 .91173+000 .90957+000  
 1 .99858+000 .99851+000 .99843+000 .99834+000 .99826+000  
 2 .99999+000 .99999+000 .99999+000 .99999+000 .99999+000  
 3 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .18151+000 .18194+000 .18237+000 .18280+000 .18324+000

THETA= .40000+000 .41000+000 .42000+000 .43000+000 .44000+000  
 -I-----SUM-P(I)-----  
 0 .90743+000 .90529+000 .90316+000 .90104+000 .89893+000  
 1 .99817+000 .99808+000 .99799+000 .99790+000 .99781+000  
 2 .99999+000 .99999+000 .99998+000 .99998+000 .99998+000  
 3 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .19367+000 .18410+000 .18454+000 .18497+000 .18541+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 3 U3 = 0

THETA= .45000+000 .46000+000 .47000+000 .48000+000 .49000+000  
 -I- ----- SUM-P(I) -----  
 0 .89682+000 .89472+000 .89263+000 .89055+000 .88847+000  
 1 .99771+000 .99761+000 .99751+000 .99741+000 .99731+000  
 2 .99998+000 .99998+000 .99998+000 .99998+000 .99998+000  
 3 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .13584+000 .18628+000 .18671+000 .18715+000 .18759+000

THETA= .50000+000 .60000+000 .70000+000 .80000+000 .90000+000  
 -I- ----- SUM-P(I) -----  
 0 .88640+000 .86614+000 .84659+000 .82773+000 .80952+000  
 1 .99720+000 .99606+000 .99475+000 .99328+000 .99167+000  
 2 .99997+000 .99996+000 .99993+000 .99990+000 .99986+000  
 3 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .18803+000 .19243+000 .19687+000 .20135+000 .20588+000

THETA= .10000+001 .11000+001 .12000+001 .13000+001 .14000+001  
 -I- ----- SUM-P(I) -----  
 0 .79193+000 .77493+000 .75849+000 .74259+000 .72720+000  
 1 .98992+000 .98804+000 .98604+000 .98393+000 .98172+000  
 2 .99982+000 .99976+000 .99969+000 .99962+000 .99953+000  
 3 1.00000 1.00000 1.00000 1.00000 1.00000  
 4 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .21046+000 .21507+000 .21973+000 .22444+000 .22919+000

THETA= .15000+001 .16000+001 .17000+001 .18000+001 .19000+001  
 -I- ----- SUM-P(I) -----  
 0 .71229+000 .69786+000 .68386+000 .67030+000 .65714+000  
 1 .97940+000 .97700+000 .97451+000 .97193+000 .96929+000  
 2 .99944+000 .99933+000 .99921+000 .99908+000 .99894+000  
 3 .99999+000 .99999+000 .99999+000 .99999+000 .99998+000  
 4 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .23399+000 .23883+000 .24371+000 .24865+000 .25362+000

THETA= .20000+001 .21000+001 .22000+001 .23000+001 .24000+001  
 -I- ----- SUM-P(I) -----  
 0 .64438+000 .63199+000 .61996+000 .60827+000 .59692+000  
 1 .96657+000 .96378+000 .96093+000 .95803+000 .95507+000  
 2 .99879+000 .99862+000 .99844+000 .99825+000 .99805+000  
 3 .99998+000 .99997+000 .99997+000 .99996+000 .99996+000  
 4 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .25865+000 .26372+000 .26884+000 .27400+000 .27921+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 0

| THETA = .25000+001 |              | .26000+001 | .27000+001 | .28000+001 | .29000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .58588+000   | .57515+000 | .56472+000 | .55457+000 | .54469+000 |
| 1                  | .95206+000   | .94900+000 | .94590+000 | .94276+000 | .93958+000 |
| 2                  | .99783+000   | .99760+000 | .99736+000 | .99711+000 | .99684+000 |
| 3                  | .99995+000   | .99994+000 | .99994+000 | .99993+000 | .99992+000 |
| 4                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .28447+000 | .28978+000 | .29513+000 | .30054+000 | .30599+000 |

| THETA = .30000+001 |              | .31000+001 | .32000+001 | .33000+001 | .34000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .53507+000   | .52570+000 | .51658+000 | .50769+000 | .49903+000 |
| 1                  | .93637+000   | .93312+000 | .92985+000 | .92654+000 | .92321+000 |
| 2                  | .99656+000   | .99627+000 | .99597+000 | .99565+000 | .99532+000 |
| 3                  | .99991+0.0   | .99990+000 | .99989+000 | .99987+000 | .99986+000 |
| 4                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .31149+000 | .31704+000 | .32263+000 | .32828+000 | .33398+000 |

| THETA = .35000+001 |              | .36000+001 | .37000+001 | .38000+001 | .39000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .49059+000   | .48236+000 | .47433+000 | .46650+000 | .45885+000 |
| 1                  | .91985+000   | .91648+000 | .91308+000 | .90967+000 | .90624+000 |
| 2                  | .99498+000   | .99462+000 | .99425+000 | .99387+000 | .99348+000 |
| 3                  | .99985+000   | .99983+000 | .99981+000 | .99980+000 | .99978+000 |
| 4                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .33973+000 | .34553+000 | .35137+000 | .35727+000 | .36322+000 |

| THETA = .40000+001 |              | .41000+001 | .42000+001 | .43000+001 | .44000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .45139+000   | .44411+000 | .43700+000 | .43006+000 | .42328+000 |
| 1                  | .90279+000   | .89933+000 | .89586+000 | .89238+000 | .88888+000 |
| 2                  | .99307+000   | .99265+000 | .99222+000 | .99177+000 | .99132+000 |
| 3                  | .99976+000   | .99974+000 | .99971+000 | .99969+000 | .99966+000 |
| 4                  | 1.00000      | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 5                  |              | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .36923+000 | .37528+000 | .38138+000 | .38754+000 | .39375+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 0

THETA= .45000+001 .46000+001 .47000+001 .48000+001 .49000+001

|     |   | SUM-P(I)   |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .41665+000 | .41018+000 | .40385+000 | .39766+000 | .39161+000 |
| 0   |   | .89539+000 | .88188+000 | .87837+000 | .87485+000 | .87133+000 |
| 1   |   | .99085+000 | .99037+000 | .98988+000 | .98937+000 | .98886+000 |
| 2   |   | .99964+000 | .99961+000 | .99958+000 | .99955+000 | .99952+000 |
| 3   |   | .99999+000 | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 4   |   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = | .40001+000 | .40633+000 | .41270+000 | .41912+000 | .42560+000 |

THETA= .50000+001 .52000+001 .54000+001 .56000+001 .58000+001

|     |   | SUM-P(I)   |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .38569+000 | .37424+000 | .36327+000 | .35277+000 | .34269+000 |
| 0   |   | .86780+000 | .86075+000 | .85369+000 | .84664+000 | .83960+000 |
| 1   |   | .93833+000 | .98724+000 | .98610+000 | .98492+000 | .98370+000 |
| 2   |   | .99949+000 | .99942+000 | .99934+000 | .99926+000 | .99917+000 |
| 3   |   | .99999+000 | .99999+000 | .99998+000 | .99998+000 | .99998+000 |
| 4   |   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = | .43213+000 | .44535+000 | .45879+000 | .47246+000 | .48635+000 |

THETA= .60000+001 .62000+001 .64000+001 .66000+001 .68000+001

|     |   | SUM-P(I)   |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .33303+000 | .32375+000 | .31484+000 | .30627+000 | .29803+000 |
| 0   |   | .83257+000 | .82556+000 | .81857+000 | .81161+000 | .80468+000 |
| 1   |   | .98243+000 | .98112+000 | .97977+000 | .97838+000 | .97695+000 |
| 2   |   | .99908+000 | .99898+000 | .99887+000 | .99876+000 | .99864+000 |
| 3   |   | .99997+000 | .99997+000 | .99996+000 | .99996+000 | .99995+000 |
| 4   |   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = | .50046+000 | .51480+000 | .52938+000 | .54418+000 | .55923+000 |

THETA= .70000+001 .72000+001 .74000+001 .76000+001 .78000+001

|     |   | SUM-P(I)   |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .29010+000 | .28247+000 | .27512+000 | .26804+000 | .26121+000 |
| 0   |   | .79779+000 | .79092+000 | .78410+000 | .77732+000 | .77058+000 |
| 1   |   | .97548+000 | .97397+000 | .97242+000 | .97084+000 | .96923+000 |
| 2   |   | .99851+000 | .99837+000 | .99823+000 | .99808+000 | .99792+000 |
| 3   |   | .99995+000 | .99994+000 | .99994+000 | .99993+000 | .99992+000 |
| 4   |   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = | .57451+000 | .59003+000 | .60579+000 | .62180+000 | .63805+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 0

THETA = .90000+001 .82000+001 .84000+001 .86000+001 .88000+001

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .25463+000   | .24827+000 | .24213+000 | .23621+000 | .23048+000 |
| 1   | .76388+000   | .75722+000 | .75062+000 | .74406+000 | .73755+000 |
| 2   | .96758+000   | .96590+000 | .96418+000 | .96243+000 | .96066+000 |
| 3   | .99776+000   | .99758+000 | .99740+000 | .99721+000 | .99701+000 |
| 4   | .99991+000   | .99990+000 | .99989+000 | .99988+000 | .99987+000 |
| 5   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .65456+000 | .67131+000 | .68832+000 | .70559+000 | .72312+000 |

THETA = .90000+001 .92000+001 .94000+001 .96000+001 .98000+001

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .22495+000   | .21960+000 | .21442+000 | .20941+000 | .20457+000 |
| 1   | .73109+000   | .72468+000 | .71832+000 | .71201+000 | .70575+000 |
| 2   | .95885+000   | .95701+000 | .95515+000 | .95325+000 | .95133+000 |
| 3   | .99681+000   | .99659+000 | .99637+000 | .99614+000 | .99590+000 |
| 4   | .99986+000   | .99985+000 | .99983+000 | .99982+000 | .99980+000 |
| 5   | 1.00000      | 1.00000    | 1.00000    | .99999+000 | .99999+000 |
| 6   |              |            |            | 1.00000    | 1.00000    |
| H   | = .74091+000 | .75896+000 | .77728+000 | .79587+000 | .81473+000 |

THETA = .10000+002 .10200+002 .10400+002 .10600+002 .10800+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .19987+000   | .19532+000 | .19092+000 | .18665+000 | .18251+000 |
| 1   | .69955+000   | .69340+000 | .68730+000 | .68126+000 | .67527+000 |
| 2   | .94939+000   | .94742+000 | .94542+000 | .94341+000 | .94136+000 |
| 3   | .99566+000   | .99540+000 | .99514+000 | .99486+000 | .99458+000 |
| 4   | .99979+000   | .99977+000 | .99975+000 | .99973+000 | .99971+000 |
| 5   | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 6   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .83387+000 | .85328+000 | .87298+000 | .89295+000 | .91321+000 |

THETA = .11000+002 .11200+002 .11400+002 .11600+002 .11800+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .17849+000   | .17459+000 | .17081+000 | .16714+000 | .16358+000 |
| 1   | .66933+000   | .66345+000 | .65762+000 | .65185+000 | .64613+000 |
| 2   | .93930+000   | .93721+000 | .93511+000 | .93292+000 | .93083+000 |
| 3   | .99429+000   | .99399+000 | .99369+000 | .99337+000 | .99304+000 |
| 4   | .99969+000   | .99967+000 | .99965+000 | .99962+000 | .99960+000 |
| 5   | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 6   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .93376+000 | .95460+000 | .97574+000 | .99717+000 | .10189+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = C

THETA= .12000+002 .12200+002 .12400+002 .12600+002 .12800+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .16011+000   | .15675+000 | .15348+000 | .15031+000 | .14722+000 |
| 1   | .64046+000   | .63484+000 | .62928+000 | .62377+000 | .61832+000 |
| 2   | .92866+000   | .92648+000 | .92428+000 | .92206+000 | .91982+000 |
| 3   | .99271+000   | .99237+000 | .99202+000 | .99166+000 | .99129+000 |
| 4   | .99957+000   | .99955+000 | .99952+000 | .99949+000 | .99946+000 |
| 5   | .99998+000   | .99998+000 | .99998+000 | .99998+000 | .99998+000 |
| 6   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .10409+001 | .10633+001 | .10859+001 | .11088+001 | .11321+001 |

THETA= .13000+002 .13200+002 .13400+002 .13600+002 .13800+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .14422+000   | .14129+000 | .13845+000 | .13569+000 | .13299+000 |
| 1   | .61291+000   | .60756+000 | .60226+000 | .59701+000 | .59182+000 |
| 2   | .91757+000   | .91530+000 | .91302+000 | .91072+000 | .90841+000 |
| 3   | .99091+000   | .99052+000 | .99013+000 | .98973+000 | .98931+000 |
| 4   | .99942+000   | .99939+000 | .99936+000 | .99932+000 | .99928+000 |
| 5   | .99998+000   | .99998+000 | .99997+000 | .99997+000 | .99997+000 |
| 6   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .11557+001 | .11796+001 | .12038+001 | .12283+001 | .12532+001 |

THETA= .14000+002 .14200+002 .14400+002 .14600+002 .14800+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .13037+000   | .12782+000 | .12533+000 | .12291+000 | .12055+000 |
| 1   | .58667+000   | .56158+000 | .57653+000 | .57153+000 | .56659+000 |
| 2   | .90608+000   | .90374+000 | .90139+000 | .89903+000 | .89666+000 |
| 3   | .98889+000   | .98846+000 | .98802+000 | .98758+000 | .98712+000 |
| 4   | .99924+000   | .99920+000 | .99916+000 | .99912+000 | .99907+000 |
| 5   | .99997+000   | .99997+000 | .99996+000 | .99996+000 | .99996+000 |
| 6   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .12784+001 | .13039+001 | .13298+001 | .13560+001 | .13825+001 |

THETA= .15000+002 .15500+002 .16000+002 .16500+002 .17000+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .11825+000   | .11275+000 | .10758+000 | .10273+000 | .98156-001 |
| 1   | .56169+000   | .54956+000 | .53792+000 | .52648+000 | .51532+000 |
| 2   | .89427+000   | .88826+000 | .88220+000 | .87608+000 | .86991+000 |
| 3   | .99665+000   | .98546+000 | .98420+000 | .98290+000 | .98154+000 |
| 4   | .99903+000   | .99891+000 | .99877+000 | .99863+000 | .99848+000 |
| 5   | .99996+000   | .99995+000 | .99994+000 | .99993+000 | .99992+000 |
| 6   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .14094+001 | .14782+001 | .15492+001 | .16224+001 | .16980+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 0

THETA = .17500+002 .18000+002 .18500+002 .19000+002 .19500+002

| -I- |              | SUM-P(I)   |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .93848-001   | .89786-001 | .85951-001 | .82327-001 | .78900-001 |
| 1   | .50444+000   | .49382+000 | .48347+000 | .47338+000 | .46354+000 |
| 2   | .86370+000   | .85745+000 | .85118+000 | .84488+000 | .83856+000 |
| 3   | .98013+000   | .97867+000 | .97715+000 | .97559+000 | .97398+000 |
| 4   | .99832+000   | .99815+000 | .99796+000 | .99776+000 | .99756+000 |
| 5   | .99991+000   | .99990+000 | .99989+000 | .99987+000 | .99986+000 |
| 6   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 7   |              |            |            |            | 1.00000    |
| H   | = .17759+001 | .18563+001 | .19391+001 | .20245+001 | .21124+001 |

THETA = .20000+002 .21000+002 .22000+002 .23000+002 .24000+002

| -I- |              | SUM-P(I)   |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .75656-001   | .69671-001 | .64284-001 | .59422-001 | .55022-001 |
| 1   | .45394+000   | .43544+000 | .41784+000 | .40110+000 | .38516+000 |
| 2   | .83222+000   | .81950+000 | .80676+000 | .79403+000 | .78132+000 |
| 3   | .97232+000   | .96886+000 | .96521+000 | .96139+000 | .95739+000 |
| 4   | .99734+000   | .99686+000 | .99633+000 | .99575+000 | .99512+000 |
| 5   | .99984+000   | .99980+000 | .99976+000 | .99971+000 | .99965+000 |
| 6   | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99998+000 |
| 7   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .22030+001 | .23922+001 | .25927+001 | .28048+001 | .30291+001 |

THETA = .25000+002 .30000+002 .35000+002 .40000+002 .45000+002

| -I- |              | SUM-P(I)   |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .51031-001   | .35778-001 | .25843-001 | .19118-001 | .14424-001 |
| 1   | .36998+000   | .30411+000 | .25197+000 | .21030+000 | .17669+000 |
| 2   | .76866+000   | .70662+000 | .64770+000 | .59267+000 | .54180+000 |
| 3   | .95323+000   | .93023+000 | .90419+000 | .87590+000 | .84605+000 |
| 4   | .99443+000   | .99013+000 | .98434+000 | .97706+000 | .96830+000 |
| 5   | .99958+000   | .99911+000 | .99837+000 | .99729+000 | .99581+000 |
| 6   | .99998+000   | .99995+000 | .99989+000 | .99978+000 | .99963+000 |
| 7   | 1.00000      | 1.00000    | .99999+000 | .99999+000 | .99998+000 |
| 8   |              |            | 1.00000    | 1.00000    | 1.00000    |
| H   | = .32660+001 | .46583+001 | .64491+001 | .87177+001 | .11555+002 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 3 U3 = 0

THETA = .50000+002 .55000+002 .60000+002 .65000+002 .70000+002

| -I- |              | SUM-P(I)   |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | .11064-001   | .86074-002 | .67793-002 | .53974-002 | .43387-002 |  |
| 1   | .14936+000   | .12696+000 | .10847+000 | .93106-001 | .80265-001 |  |
| 2   | .49510+000   | .45243+000 | .41354+000 | .37816+000 | .34601+000 |  |
| 3   | .81524+000   | .78392+000 | .75250+000 | .72128+000 | .69049+000 |  |
| 4   | .95815+000   | .94671+000 | .93409+000 | .92041+000 | .90579+000 |  |
| 5   | .99388+000   | .99148+000 | .98856+000 | .98512+000 | .98114+000 |  |
| 6   | .99940+000   | .99908+000 | .99865+000 | .99811+000 | .99743+000 |  |
| 7   | .99996+000   | .99993+000 | .99989+000 | .99983+000 | .99975+000 |  |
| 8   | 1.00000      | 1.00000    | .99999+000 | .99999+000 | .99998+000 |  |
| 9   |              |            | 1.00000    | 1.00000    | 1.00000    |  |
| H   | = .15064+002 | .19363+002 | .24585+002 | .30879+002 | .38414+002 |  |

THETA = .75000+002 .80000+002 .85000+002 .90000+002 .95000+002

| -I- |              | SUM-P(I)   |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | .35176-002   | .28741-002 | .23649-002 | .19584-002 | .16313-002 |  |
| 1   | .69473-001   | .60357-001 | .52619-001 | .46022-001 | .40375-001 |  |
| 2   | .31681+000   | .29029+000 | .26620+000 | .24431+000 | .22441+000 |  |
| 3   | .66033+000   | .63092+000 | .60239+000 | .57479+000 | .54817+000 |  |
| 4   | .89036+000   | .87424+000 | .85753+000 | .84035+000 | .82279+000 |  |
| 5   | .97662+000   | .97156+000 | .96597+000 | .95985+000 | .95323+000 |  |
| 6   | .99659+000   | .99559+000 | .99441+000 | .99305+000 | .99148+000 |  |
| 7   | .99965+000   | .99952+000 | .99935+000 | .99914+000 | .99889+000 |  |
| 8   | .99997+000   | .99996+000 | .99994+000 | .99992+000 | .99989+000 |  |
| 9   | 1.00000      | 1.00000    | 1.00000    | .99999+000 | .99999+000 |  |
| 10  |              |            |            | 1.00000    | 1.00000    |  |
| H   | = .47380+002 | .57989+002 | .70476+002 | .85104+002 | .10217+003 |  |

THETA = .10000+003

| -I- |              | SUM-P(I) |  |  |  |  |
|-----|--------------|----------|--|--|--|--|
| 0   | .13662-002   |          |  |  |  |  |
| 1   | .35522-001   |          |  |  |  |  |
| 2   | .20530+000   |          |  |  |  |  |
| 3   | .52256+000   |          |  |  |  |  |
| 4   | .80494+000   |          |  |  |  |  |
| 5   | .94613+000   |          |  |  |  |  |
| 6   | .98970+000   |          |  |  |  |  |
| 7   | .99860+000   |          |  |  |  |  |
| 8   | .99986+000   |          |  |  |  |  |
| 9   | .99999+000   |          |  |  |  |  |
| 10  | 1.00000      |          |  |  |  |  |
| H   | = .12199+003 |          |  |  |  |  |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 3 U3 = 1

|         |            |            |            |            |            |
|---------|------------|------------|------------|------------|------------|
| THETA = | .00000+000 | .10000-001 | .20000-001 | .30000-001 | .40000-001 |
| -I-     | -----      | SUM-P(I)   | -----      | -----      | -----      |
| 0       | 1.00000    | .99875+000 | .99750+000 | .99626+000 | .99502+000 |
| 1       |            | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 2       |            |            |            |            | 1.00000    |
| H =     | .16667+000 | .16688+000 | .16708+000 | .16729+000 | .16750+000 |
| THETA = | .50000-001 | .60000-001 | .70000-001 | .80000-001 | .90000-001 |
| -I-     | -----      | SUM-P(I)   | -----      | -----      | -----      |
| 0       | .99378+000 | .99254+000 | .99131+000 | .99007+000 | .98884+000 |
| 1       | .99999+000 | .99999+000 | .99998+000 | .99997+000 | .99997+000 |
| 2       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .16771+000 | .16792+000 | .16813+000 | .16834+000 | .16855+000 |
| THETA = | .10000+000 | .11000+000 | .12000+000 | .13000+000 | .14000+000 |
| -I-     | -----      | SUM-P(I)   | -----      | -----      | -----      |
| 0       | .98761+000 | .98639+000 | .98516+000 | .98394+000 | .98272+000 |
| 1       | .99996+000 | .99995+000 | .99994+000 | .99993+000 | .99992+000 |
| 2       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .16876+000 | .16897+000 | .16918+000 | .16939+000 | .16960+000 |
| THETA = | .15000+000 | .16000+000 | .17000+000 | .18000+000 | .19000+000 |
| -I-     | -----      | SUM-P(I)   | -----      | -----      | -----      |
| 0       | .98150+000 | .98029+000 | .97908+000 | .97787+000 | .97666+000 |
| 1       | .99991+000 | .99990+000 | .99988+000 | .99987+000 | .99985+000 |
| 2       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .16981+000 | .17002+000 | .17023+000 | .17044+000 | .17065+000 |
| THETA = | .20000+000 | .21000+000 | .22000+000 | .23000+000 | .24000+000 |
| -I-     | -----      | SUM-P(I)   | -----      | -----      | -----      |
| 0       | .97545+000 | .97425+000 | .97304+000 | .97184+000 | .97065+000 |
| 1       | .99984+000 | .99982+000 | .99980+000 | .99979+000 | .99977+000 |
| 2       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .17086+000 | .17107+000 | .17128+000 | .17150+000 | .17171+000 |
| THETA = | .25000+000 | .26000+000 | .27000+000 | .28000+000 | .29000+000 |
| -I-     | -----      | SUM-P(I)   | -----      | -----      | -----      |
| 0       | .96945+000 | .96826+000 | .96707+000 | .96588+000 | .96469+000 |
| 1       | .99975+000 | .99973+000 | .99971+000 | .99968+000 | .99966+000 |
| 2       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .17192+000 | .17213+000 | .17234+000 | .17255+000 | .17277+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 3 U3 = 1

THETA = .30000+000 .31000+000 .32000+000 .33000+000 .34000+000

|     |            |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| -I- |            | SUM-P(I)   |            |            |            |
| 0   | .96351+000 | .96232+000 | .96114+000 | .95996+000 | .95879+000 |
| 1   | .99964+000 | .99961+000 | .99959+000 | .99956+000 | .99954+000 |
| 2   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H = | .17298+000 | .17319+000 | .17340+000 | .17362+000 | .17383+000 |

THETA = .35000+000 .36000+000 .37000+000 .38000+000 .39000+000

|     |            |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| -I- |            | SUM-P(I)   |            |            |            |
| 0   | .95761+000 | .95644+000 | .95527+000 | .95410+000 | .95294+000 |
| 1   | .99951+000 | .99948+000 | .99945+000 | .99942+000 | .99939+000 |
| 2   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H = | .17404+000 | .17426+000 | .17447+000 | .17468+000 | .17490+000 |

THETA = .40000+000 .41000+000 .42000+000 .43000+000 .44000+000

|     |            |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| -I- |            | SUM-P(I)   |            |            |            |
| 0   | .95177+000 | .95061+000 | .94945+000 | .94829+000 | .94714+000 |
| 1   | .99936+000 | .99933+000 | .99930+000 | .99927+000 | .99923+000 |
| 2   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H = | .17511+000 | .17533+000 | .17554+000 | .17575+000 | .17597+000 |

THETA = .45000+000 .46000+000 .47000+000 .48000+000 .49000+000

|     |            |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| -I- |            | SUM-P(I)   |            |            |            |
| 0   | .94599+000 | .94483+000 | .94368+000 | .94254+000 | .94139+000 |
| 1   | .99920+000 | .99916+000 | .99913+000 | .99909+000 | .99905+000 |
| 2   | .99999+000 | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 3   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H = | .17618+000 | .17640+000 | .17661+000 | .17683+000 | .17704+000 |

THETA = .50000+000 .60000+000 .70000+000 .80000+000 .90000+000

|     |            |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| -I- |            | SUM-P(I)   |            |            |            |
| 0   | .94025+000 | .92893+000 | .91780+000 | .90687+000 | .89612+000 |
| 1   | .99901+000 | .99859+000 | .99811+000 | .99755+000 | .99694+000 |
| 2   | .99999+000 | .99999+000 | .99998+000 | .99997+000 | .99996+000 |
| 3   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H = | .17726+000 | .17942+000 | .18159+000 | .18378+000 | .18599+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 1

THETA= .10000+001 .11000+001 .12000+001 .13000+001 .14000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | SUM-P(I)     |            |            |            |            |
| 0   | .88556+000   | .87518+000 | .86498+000 | .85494+000 | .84507+000 |
| 1   | .99626+000   | .99552+000 | .99472+000 | .99387+000 | .99296+000 |
| 2   | .99995+000   | .99993+000 | .99991+000 | .99989+000 | .99986+000 |
| 3   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .18820+000 | .19044+000 | .19268+000 | .19494+000 | .19722+000 |

THETA= .15000+001 .16000+001 .17000+001 .18000+001 .19000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | SUM-P(I)     |            |            |            |            |
| 0   | .83537+000   | .82583+000 | .81644+000 | .80721+000 | .79812+000 |
| 1   | .99200+000   | .99099+000 | .98993+000 | .98883+000 | .98767+000 |
| 2   | .99984+000   | .99980+000 | .99977+000 | .99972+000 | .99968+000 |
| 3   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .19951+000 | .20182+000 | .20414+000 | .20647+000 | .20882+000 |

THETA= .20000+001 .21000+001 .22000+001 .23000+001 .24000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | SUM-P(I)     |            |            |            |            |
| 0   | .78918+000   | .78038+000 | .77173+000 | .76321+000 | .75482+000 |
| 1   | .98648+000   | .98524+000 | .98395+000 | .98263+000 | .98127+000 |
| 2   | .99963+000   | .99958+000 | .99952+000 | .99945+000 | .99939+000 |
| 3   | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 4   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .21119+000 | .21357+000 | .21597+000 | .21838+000 | .22080+000 |

THETA= .25000+001 .26000+001 .27000+001 .28000+001 .29000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | SUM-P(I)     |            |            |            |            |
| 0   | .74657+000   | .73844+000 | .73044+000 | .72256+000 | .71481+000 |
| 1   | .97987+000   | .97844+000 | .97696+000 | .97546+000 | .97392+000 |
| 2   | .99931+000   | .99923+000 | .99915+000 | .99906+000 | .99897+000 |
| 3   | .99999+000   | .99999+000 | .99998+000 | .99998+000 | .99998+000 |
| 4   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .22324+000 | .22570+000 | .22817+000 | .23066+000 | .23316+000 |

THETA= .30000+001 .31000+001 .32000+001 .33000+001 .34000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- | SUM-P(I)     |            |            |            |            |
| 0   | .70717+000   | .69964+000 | .69223+000 | .68493+000 | .67774+000 |
| 1   | .97235+000   | .97075+000 | .96912+000 | .96746+000 | .96578+000 |
| 2   | .99887+000   | .99877+000 | .99866+000 | .99854+000 | .99842+000 |
| 3   | .99998+000   | .99997+000 | .99997+000 | .99997+000 | .99996+000 |
| 4   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .23568+000 | .23822+000 | .24077+000 | .24333+000 | .24592+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 3 U3 = 1

THETA = .35000+001 .36000+001 .37000+001 .38000+001 .39000+001

|     |                    |            |            |            |            |
|-----|--------------------|------------|------------|------------|------------|
| -I- | -----SUM-P(I)----- |            |            |            |            |
| 0   | .67065+000         | .66367+000 | .65679+000 | .65001+000 | .64333+000 |
| 1   | .96406+000         | .96232+000 | .96056+000 | .95877+000 | .95696+000 |
| 2   | .99829+000         | .99816+000 | .99802+000 | .99788+000 | .99773+000 |
| 3   | .99996+000         | .99995+000 | .99995+000 | .99994+000 | .99994+000 |
| 4   | 1.00000            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .24851+000       | .25113+000 | .25376+000 | .25640+000 | .25907+000 |

THETA = .40000+001 .41000+001 .42000+001 .43000+001 .44000+001

|     |                    |            |            |            |            |
|-----|--------------------|------------|------------|------------|------------|
| -I- | -----SUM-P(I)----- |            |            |            |            |
| 0   | .63675+000         | .63026+000 | .62386+000 | .61756+000 | .61134+000 |
| 1   | .95512+000         | .95327+000 | .95139+000 | .94949+000 | .94758+000 |
| 2   | .99757+000         | .99741+000 | .99724+000 | .99707+000 | .99689+000 |
| 3   | .99993+000         | .99993+000 | .99992+000 | .99991+000 | .99990+000 |
| 4   | 1.00000            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .26175+000       | .26444+000 | .26715+000 | .26988+000 | .27263+000 |

THETA = .45000+001 .46000+001 .47000+001 .48000+001 .49000+001

|     |                    |            |            |            |            |
|-----|--------------------|------------|------------|------------|------------|
| -I- | -----SUM-P(I)----- |            |            |            |            |
| 0   | .60521+000         | .59917+000 | .59321+000 | .58733+000 | .58153+000 |
| 1   | .94564+000         | .94369+000 | .94171+000 | .93973+000 | .93772+000 |
| 2   | .99670+000         | .99651+000 | .99631+000 | .99611+000 | .99590+000 |
| 3   | .99990+000         | .99989+000 | .99988+000 | .99987+000 | .99986+000 |
| 4   | 1.00000            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .27539+000       | .27816+000 | .28096+000 | .28377+000 | .28660+000 |

THETA = .50000+001 .52000+001 .54000+001 .56000+001 .58000+001

|     |                    |            |            |            |            |
|-----|--------------------|------------|------------|------------|------------|
| -I- | -----SUM-P(I)----- |            |            |            |            |
| 0   | .57582+000         | .56462+000 | .55372+000 | .54311+000 | .53278+000 |
| 1   | .93570+000         | .93162+000 | .92748+000 | .92329+000 | .91905+000 |
| 2   | .99568+000         | .99523+000 | .99476+000 | .99425+000 | .99373+000 |
| 3   | .99985+000         | .99983+000 | .99980+000 | .99977+000 | .99974+000 |
| 4   | 1.00000            | 1.00000    | 1.00000    | .99999+000 | .99999+000 |
| 5   |                    |            |            | 1.00000    | 1.00000    |
| H   | = .28944+000       | .29519+000 | .30100+000 | .30687+000 | .31282+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 3 U3 = 1

THETA= .60000+001 .62000+001 .64000+001 .66000+001 .68000+001

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .52273+000   | .51293+000 | .50339+000 | .49408+000 | .48502+000 |
| 1   | .91477+000   | .91045+000 | .90609+000 | .90170+000 | .89729+000 |
| 2   | .99318+000   | .99260+000 | .99200+000 | .99139+000 | .99073+000 |
| 3   | .99971+000   | .99968+000 | .99964+000 | .99960+000 | .99956+000 |
| 4   | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 5   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .31884+000 | .32493+000 | .33109+000 | .33732+000 | .34363+000 |

THETA= .70000+001 .72000+001 .74000+001 .76000+001 .78000+001

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .47618+000   | .46756+000 | .45916+000 | .45096+000 | .44296+000 |
| 1   | .89284+000   | .88837+000 | .88388+000 | .87937+000 | .87484+000 |
| 2   | .99006+000   | .98937+000 | .98865+000 | .98790+000 | .98713+000 |
| 3   | .99951+000   | .99946+000 | .99941+000 | .99936+000 | .99930+000 |
| 4   | .99999+000   | .99998+000 | .99998+000 | .99998+000 | .99998+000 |
| 5   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .35001+000 | .35646+000 | .36298+000 | .36958+000 | .37626+000 |

THETA= .80000+001 .82000+001 .84000+001 .86000+001 .88000+001

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .43515+000   | .42753+000 | .42009+000 | .41283+000 | .40573+000 |
| 1   | .87030+000   | .86575+000 | .86119+000 | .85662+000 | .85204+000 |
| 2   | .98634+000   | .98553+000 | .98470+000 | .98384+000 | .98296+000 |
| 3   | .99924+000   | .99917+000 | .99910+000 | .99903+000 | .99896+000 |
| 4   | .99997+000   | .99997+000 | .99997+000 | .99997+000 | .99996+000 |
| 5   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .38301+000 | .38983+000 | .39674+000 | .40372+000 | .41078+000 |

THETA= .90000+001 .92000+001 .94000+001 .96000+001 .98000+001

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .39880+000   | .39203+000 | .38542+000 | .37895+000 | .37263+000 |
| 1   | .84746+000   | .84287+000 | .83828+000 | .83369+000 | .82911+000 |
| 2   | .98205+000   | .98113+000 | .98018+000 | .97921+000 | .97822+000 |
| 3   | .99888+000   | .99879+000 | .99871+000 | .99861+000 | .99852+000 |
| 4   | .99996+000   | .99995+000 | .99995+000 | .99995+000 | .99994+000 |
| 5   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .41792+000 | .42513+000 | .43243+000 | .43981+000 | .44727+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 1

THETA= .10000+002 .10200+002 .10400+002 .10600+002 .10800+002

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- |              | SUM-P(I)   |            |            |            |
| 0   | .36646+000   | .36041+000 | .35451+000 | .34873+000 | .34308+000 |
| 1   | .82452+000   | .81994+000 | .81537+000 | .81080+000 | .80623+000 |
| 2   | .97721+000   | .97618+000 | .97513+000 | .97406+000 | .97297+000 |
| 3   | .99842+000   | .99832+000 | .99821+000 | .99810+000 | .99798+000 |
| 4   | .99994+000   | .99993+000 | .99992+000 | .99992+000 | .99991+000 |
| 5   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .45481+000 | .46243+000 | .47014+000 | .47792+000 | .48580+000 |

THETA= .11000+002 .11200+002 .11400+002 .11600+002 .11800+002

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- |              | SUM-P(I)   |            |            |            |
| 0   | .33755+000   | .33214+000 | .32684+000 | .32166+000 | .31659+000 |
| 1   | .80168+000   | .79713+000 | .79260+000 | .78807+000 | .78356+000 |
| 2   | .97186+000   | .97073+000 | .96958+000 | .96842+000 | .96723+000 |
| 3   | .99786+000   | .99774+000 | .99761+000 | .99747+000 | .99733+000 |
| 4   | .99990+000   | .99990+000 | .99989+000 | .99988+000 | .99987+000 |
| 5   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .49375+000 | .50180+000 | .50993+000 | .51814+000 | .52645+000 |

THETA= .12000+002 .12200+002 .12400+002 .12600+002 .12800+002

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- |              | SUM-P(I)   |            |            |            |
| 0   | .31162+000   | .30676+000 | .30200+000 | .29733+000 | .29276+000 |
| 1   | .77906+000   | .77457+000 | .77009+000 | .76563+000 | .76118+000 |
| 2   | .96603+000   | .96481+000 | .96357+000 | .96231+000 | .96104+000 |
| 3   | .99719+000   | .99704+000 | .99689+000 | .99673+000 | .99657+000 |
| 4   | .99986+000   | .99985+000 | .99984+000 | .99983+000 | .99982+000 |
| 5   | 1.00000      | 1.00000    | .99999+000 | .99999+000 | .99999+000 |
| 6   |              |            | 1.00000    | 1.00000    | 1.00000    |
| H   | = .53484+000 | .54331+000 | .55188+000 | .56054+000 | .56929+000 |

THETA= .13000+002 .13200+002 .13400+002 .13600+002 .13800+002

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- |              | SUM-P(I)   |            |            |            |
| 0   | .28829+000   | .28390+000 | .27960+000 | .27539+000 | .27126+000 |
| 1   | .75675+000   | .75234+000 | .74794+000 | .74355+000 | .73919+000 |
| 2   | .95975+000   | .95845+000 | .95713+000 | .95579+000 | .95444+000 |
| 3   | .99641+000   | .99623+000 | .99606+000 | .99588+000 | .99569+000 |
| 4   | .99981+000   | .99980+000 | .99978+000 | .99977+000 | .99976+000 |
| 5   | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 6   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .57813+000 | .58706+000 | .59608+000 | .60520+000 | .61441+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 3 U3 = 1

| THETA = .14000+002 .14200+002 .14400+002 .14600+002 .14800+002 |              |            |            |            |            |
|--|--------------|------------|------------|------------|------------|
| -I- ----- SUM-P(I) -----                                       |              |            |            |            |            |
| 0  | .26722+000   | .26325+000 | .25936+000 | .25554+000 | .25180+000 |
| 1  | .73484+000   | .73051+000 | .72620+000 | .72191+000 | .71764+000 |
| 2  | .95307+000   | .95168+000 | .95029+000 | .94887+000 | .94745+000 |
| 3  | .99550+000   | .99530+000 | .99510+000 | .99490+000 | .99469+000 |
| 4  | .99974+000   | .99973+000 | .99971+000 | .99970+000 | .99968+000 |
| 5  | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 6  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H  | = .62372+000 | .63312+000 | .64261+000 | .65221+000 | .66190+000 |
| THETA = .15000+002 .15500+002 .16000+002 .16500+002 .17000+002 |              |            |            |            |            |
| -I- ----- SUM-P(I) -----                                       |              |            |            |            |            |
| 0  | .24813+000   | .23926+000 | .23080+000 | .22273+000 | .21503+000 |
| 1  | .71338+000   | .70283+000 | .69241+000 | .68212+000 | .67196+000 |
| 2  | .94601+000   | .94235+000 | .93860+000 | .93478+000 | .93089+000 |
| 3  | .99447+000   | .99391+000 | .99331+000 | .99269+000 | .99203+000 |
| 4  | .99966+000   | .99962+000 | .99957+000 | .99951+000 | .99945+000 |
| 5  | .99999+000   | .99998+000 | .99998+000 | .99998+000 | .99998+000 |
| 6  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H  | = .67168+000 | .69658+000 | .72211+000 | .74828+000 | .77509+000 |
| THETA = .17500+002 .18000+002 .18500+002 .19000+002 .19500+002 |              |            |            |            |            |
| -I- ----- SUM-P(I) -----                                       |              |            |            |            |            |
| 0  | .20767+000   | .20063+000 | .19390+000 | .18746+000 | .18130+000 |
| 1  | .66194+000   | .65205+000 | .64229+000 | .63268+000 | .62320+000 |
| 2  | .92693+000   | .92290+000 | .91880+000 | .91465+000 | .91044+000 |
| 3  | .99133+000   | .99061+000 | .98985+000 | .98906+000 | .98824+000 |
| 4  | .99938+000   | .99931+000 | .99924+000 | .99916+000 | .99907+000 |
| 5  | .99997+000   | .99997+000 | .99996+000 | .99996+000 | .99995+000 |
| 6  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H  | = .80257+000 | .83072+000 | .85955+000 | .88908+000 | .91931+000 |
| THETA = .20000+002 .21000+002 .22000+002 .23000+002 .24000+002 |              |            |            |            |            |
| -I- ----- SUM-P(I) -----                                       |              |            |            |            |            |
| 0  | .17539+000   | .16430+000 | .15410+000 | .14470+000 | .13602+000 |
| 1  | .61386+000   | .59560+000 | .57789+000 | .56072+000 | .54409+000 |
| 2  | .90618+000   | .89751+000 | .88867+000 | .87967+000 | .87054+000 |
| 3  | .98738+000   | .98557+000 | .98363+000 | .98156+000 | .97936+000 |
| 4  | .99898+000   | .99878+000 | .99855+000 | .99829+000 | .99801+000 |
| 5  | .99995+000   | .99993+000 | .99992+000 | .99990+000 | .99988+000 |
| 6  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 7  |              |            |            |            | 1.00000    |
| H  | = .95026+000 | .10144+001 | .10815+001 | .11518+001 | .12253+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 3 U3 = 1

THETA= .25000+002 .30000+002 .35000+002 .40000+002 .45000+002

|     |   | SUM-P(I)   |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .12799+000 | .95761-001 | .73099-001 | .56738-001 | .44663-001 |
| 0   |   | .52798+000 | .45486+000 | .39291+000 | .34043+000 | .29589+000 |
| 1   |   | .86130+000 | .81397+000 | .76602+000 | .71868+000 | .67274+000 |
| 2   |   | .97703+000 | .96359+000 | .94739+000 | .92882+000 | .90827+000 |
| 3   |   | .99770+000 | .99566+000 | .99274+000 | .98885+000 | .98397+000 |
| 4   |   | .99985+000 | .99966+000 | .99935+000 | .99886+000 | .99817+000 |
| 5   |   | .99999+000 | .99998+000 | .99996+000 | .99992+000 | .99986+000 |
| 6   |   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 7   |   |            |            |            |            | 1.00000    |
| 8   |   |            |            |            |            |            |
| H   | = | .13021+001 | .17404+001 | .22800+001 | .29375+001 | .37316+001 |

THETA= .50000+002 .55000+002 .60000+002 .65000+002 .70000+002

|     |   | SUM-P(I)   |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .35587-001 | .28657-001 | .23292-001 | .19089-001 | .15762-001 |
| 0   |   | .25801+000 | .22567+000 | .19798+000 | .17419+000 | .15368+000 |
| 1   |   | .62870+000 | .58686+000 | .54736+000 | .51024+000 | .47548+000 |
| 2   |   | .88613+000 | .86277+000 | .83850+000 | .81361+000 | .78834+000 |
| 3   |   | .97807+000 | .97116+000 | .96328+000 | .95446+000 | .94477+000 |
| 4   |   | .99723+000 | .99600+000 | .99448+000 | .99261+000 | .99039+000 |
| 5   |   | .99976+000 | .99962+000 | .99943+000 | .99917+000 | .99884+000 |
| 6   |   | .99999+000 | .99997+000 | .99996+000 | .99993+000 | .99990+000 |
| 7   |   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | .99999+000 |
| 8   |   |            |            |            |            | 1.00000    |
| H   | = | .46834+001 | .58160+001 | .71556+001 | .87310+001 | .10574+002 |

THETA= .75000+002 .80000+002 .85000+002 .90000+002 .95000+002

|     |   | SUM-P(I)   |            |            |            |            |
|-----|---|------------|------------|------------|------------|------------|
| -I- |   | .13102-001 | .10958-001 | .92167-002 | .77920-002 | .66189-002 |
| 0   |   | .13593+000 | .12054+000 | .10714+000 | .95452-001 | .85218-001 |
| 1   |   | .44302+000 | .41276+000 | .38461+000 | .35843+000 | .33411+000 |
| 2   |   | .76289+000 | .73745+000 | .71217+000 | .68716+000 | .66252+000 |
| 3   |   | .93426+000 | .92299+000 | .91104+000 | .89848+000 | .88537+000 |
| 4   |   | .98781+000 | .98484+000 | .98148+000 | .97772+000 | .97358+000 |
| 5   |   | .99843+000 | .99793+000 | .99732+000 | .99659+000 | .99575+000 |
| 6   |   | .99986+000 | .99980+000 | .99972+000 | .99962+000 | .99951+000 |
| 7   |   | .99999+000 | .99999+000 | .99998+000 | .99997+000 | .99996+000 |
| 8   |   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = | .12721+002 | .15209+002 | .18083+002 | .21390+002 | .25181+002 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 1

THETA = .10000+003

| -I- |              | SUM-P(I) |  |  |  |
|-----|--------------|----------|--|--|--|
| 0   | .56472-002   |          |  |  |  |
| 1   | .76237-001   |          |  |  |  |
| 2   | .31154+000   |          |  |  |  |
| 3   | .63834+000   |          |  |  |  |
| 4   | .87177+000   |          |  |  |  |
| 5   | .96904+000   |          |  |  |  |
| 6   | .99477+000   |          |  |  |  |
| 7   | .99936+000   |          |  |  |  |
| 8   | .99994+000   |          |  |  |  |
| 9   | 1.00000      |          |  |  |  |
| H   | = .29513+002 |          |  |  |  |

U2 = 3 U3 = 2

| THETA = .00000+000 |              | .10000-001 .20000-001 .30000-001 .40000-001 |            |            |            |
|--------------------|--------------|---|------------|------------|------------|
| -I-                |              | SUM-P(I)                                    |            |            |            |
| 0                  | 1.00000      | .99917+000                                  | .99834+000 | .99750+000 | .99667+000 |
| 1                  |              | 1.00000                                     | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .83333-001 | .83403-001                                  | .83472-001 | .83542-001 | .83611-001 |

| THETA = .50000-001 |              | .60000-001 .70000-001 .80000-001 .90000-001 |            |            |            |
|--------------------|--------------|---|------------|------------|------------|
| -I-                |              | SUM-P(I)                                    |            |            |            |
| 0                  | .99585+000   | .99502+000                                  | .99419+000 | .99336+000 | .99254+000 |
| 1                  | .99999+000   | .99999+000                                  | .99999+000 | .99999+000 | .99998+000 |
| 2                  | 1.00000      | 1.00000                                     | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .83681-001 | .83751-001                                  | .83820-001 | .83890-001 | .83960-001 |

| THETA = .10000+000 |              | .11000+000 .12000+000 .13000+000 .14000+000 |            |            |            |
|--------------------|--------------|---|------------|------------|------------|
| -I-                |              | SUM-P(I)                                    |            |            |            |
| 0                  | .99172+000   | .99089+000                                  | .99007+000 | .98925+000 | .98843+000 |
| 1                  | .99998+000   | .99997+000                                  | .99997+000 | .99997+000 | .99996+000 |
| 2                  | 1.00000      | 1.00000                                     | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .84030-001 | .84099-001                                  | .84169-001 | .84239-001 | .84309-001 |

| THETA = .15000+000 |              | .16000+000 .17000+000 .18000+000 .19000+000 |            |            |            |
|--------------------|--------------|---|------------|------------|------------|
| -I-                |              | SUM-P(I)                                    |            |            |            |
| 0                  | .98761+000   | .98679+000                                  | .98597+000 | .98516+000 | .98434+000 |
| 1                  | .99995+000   | .99995+000                                  | .99994+000 | .99993+000 | .99993+000 |
| 2                  | 1.00000      | 1.00000                                     | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .84379-001 | .84449-001                                  | .84519-001 | .84589-001 | .84659-001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 3 U3 = 2

THETA= .20000+000 .21000+000 .22000+000 .23000+000 .24000+000  
 -I-----SUM-P(I)-----  
 0 .98353+000 .98271+000 .98190+000 .98109+000 .98028+000  
 1 .99992+000 .99991+000 .99990+000 .99989+000 .99988+000  
 2 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .84729-001 .84799-001 .84870-001 .84940-001 .85010-001

THETA= .25000+000 .26000+000 .27000+000 .28000+000 .29000+000  
 -I-----SUM-P(I)-----  
 0 .97947+000 .97866+000 .97785+000 .97704+000 .97624+000  
 1 .99987+000 .99986+000 .99985+000 .99984+000 .99983+000  
 2 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .85080-001 .85151-001 .85221-001 .85291-001 .85362-001

THETA= .30000+000 .31000+000 .32000+000 .33000+000 .34000+000  
 -I-----SUM-P(I)-----  
 0 .97543+000 .97463+000 .97382+000 .97302+000 .97222+000  
 1 .99982+000 .99980+000 .99979+000 .99978+000 .99976+000  
 2 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .85432-001 .85503-001 .85573-001 .85644-001 .85715-001

THETA= .35000+000 .36000+000 .37000+000 .38000+000 .39000+000  
 -I-----SUM-P(I)-----  
 0 .97142+000 .97062+000 .96982+000 .96902+000 .96822+000  
 1 .99975+000 .99974+000 .99972+000 .99971+000 .99969+000  
 2 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .85785-001 .85856-001 .85927-001 .85997-001 .86068-001

THETA= .40000+000 .41000+000 .42000+000 .43000+000 .44000+000  
 -I-----SUM-P(I)-----  
 0 .96743+000 .96663+000 .96584+000 .96505+000 .96425+000  
 1 .99968+000 .99966+000 .99964+000 .99963+000 .99961+000  
 2 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .86139-001 .86210-001 .86281-001 .86352-001 .86423-001

THETA= .45000+000 .46000+000 .47000+000 .48000+000 .49000+000  
 -I-----SUM-P(I)-----  
 0 .96346+000 .96267+000 .96188+000 .96109+000 .96030+000  
 1 .99959+000 .99957+000 .99956+000 .99954+000 .99952+000  
 2 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .86494-001 .86565-001 .86636-001 .86707-001 .86778-001

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 2

THETA= .50000+000 .60000+000 .70000+000 .80000+000 .90000+000

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- |              | SUM-P(I)   |            |            |            |
| 0   | .95952+000   | .95170+000 | .94396+000 | .93632+000 | .92876+000 |
| 1   | .99950+000   | .99928+000 | .99903+000 | .99874+000 | .99842+000 |
| 2   | 1.00000      | 1.00000    | .99999+000 | .99999+000 | .99998+000 |
| 3   |              |            | 1.00000    | 1.00000    | 1.00000    |
| H   | = .86849-001 | .87563-001 | .88280-001 | .89001-001 | .89725-001 |

THETA= .10000+001 .11000+001 .12000+001 .13000+001 .14000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- |              | SUM-P(I)   |            |            |            |
| 0   | .92129+000   | .91389+000 | .90659+000 | .89936+000 | .89221+000 |
| 1   | .99806+000   | .99767+000 | .99724+000 | .99679+000 | .99630+000 |
| 2   | .99998+000   | .99997+000 | .99996+000 | .99995+000 | .99994+000 |
| 3   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .90453-001 | .91185-001 | .91920-001 | .92659-001 | .93401-001 |

THETA= .15000+001 .16000+001 .17000+001 .18000+001 .19000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- |              | SUM-P(I)   |            |            |            |
| 0   | .88514+000   | .87815+000 | .87123+000 | .86439+000 | .85762+000 |
| 1   | .99578+000   | .99523+000 | .99465+000 | .99405+000 | .99341+000 |
| 2   | .99993+000   | .99992+000 | .99990+000 | .99988+000 | .99986+000 |
| 3   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .94147-001 | .94897-001 | .95650-001 | .96407-001 | .97168-001 |

THETA= .20000+001 .21000+001 .22000+001 .23000+001 .24000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- |              | SUM-P(I)   |            |            |            |
| 0   | .85093+000   | .84431+000 | .83776+000 | .83127+000 | .82486+000 |
| 1   | .99275+000   | .99206+000 | .99134+000 | .99060+000 | .98983+000 |
| 2   | .99984+000   | .99982+000 | .99979+000 | .99976+000 | .99973+000 |
| 3   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .97932-001 | .98700-001 | .99472-001 | .10025+000 | .10103+000 |

THETA= .25000+001 .26000+001 .27000+001 .28000+001 .29000+001

|     |              |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| -I- |              | SUM-P(I)   |            |            |            |
| 0   | .91852+000   | .91224+000 | .90603+000 | .79988+000 | .79380+000 |
| 1   | .98904+000   | .98823+000 | .98739+000 | .98652+000 | .98564+000 |
| 2   | .99970+000   | .99966+000 | .99963+000 | .99959+000 | .99954+000 |
| 3   | 1.00000      | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 4   |              | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .10181+000 | .10260+000 | .10339+000 | .10418+000 | .10498+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSSEL DISTRIBUTION

U2 = 3 U3 = 2

THETA= .30000+001 .31000+001 .32000+001 .33000+001 .34000+001  
 -I-----SUM-P(I)-----  
 0 .78778+000 .78183+000 .77593+000 .77010+000 .76432+000  
 1 .98473+000 .98380+000 .98285+000 .98188+000 .98088+000  
 2 .99950+000 .99945+000 .99940+000 .99935+000 .99929+000  
 3 .99999+000 .99999+000 .99999+000 .99999+000 .99999+000  
 4 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .10578+000 .10659+000 .10740+000 .10821+000 .10903+000

THETA= .35000+001 .36000+001 .37000+001 .38000+001 .39000+001  
 -I-----SUM-P(I)-----  
 0 .75861+000 .75295+000 .74735+000 .74181+000 .73633+000  
 1 .97987+000 .97884+000 .97779+000 .97672+000 .97563+000  
 2 .99923+000 .99917+000 .99910+000 .99904+000 .99897+000  
 3 .99998+000 .99998+000 .99998+000 .99998+000 .99998+000  
 4 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .10985+000 .11068+000 .11150+000 .11234+000 .11317+000

THETA= .40000+001 .41000+001 .42000+001 .43000+001 .44000+001  
 -I-----SUM-P(I)-----  
 0 .73090+000 .72552+000 .72020+000 .71493+000 .70971+000  
 1 .97453+000 .97341+000 .97227+000 .97111+000 .96994+000  
 2 .99889+000 .99881+000 .99873+000 .99865+000 .99856+000  
 3 .99997+000 .99997+000 .99997+000 .99997+000 .99996+000  
 4 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .11402+000 .11486+000 .11571+000 .11656+000 .11742+000

THETA= .45000+001 .46000+001 .47000+001 .48000+001 .49000+001  
 -I-----SUM-P(I)-----  
 0 .70455+000 .69943+000 .69437+000 .68935+000 .68439+000  
 1 .96875+000 .96755+000 .96633+000 .96509+000 .96385+000  
 2 .99847+000 .99838+000 .99828+000 .99818+000 .99808+000  
 3 .99996+000 .99996+000 .99995+000 .99995+000 .99994+000  
 4 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .11828+000 .11914+000 .12001+000 .12089+000 .12176+000

THETA= .50000+001 .52000+001 .54000+001 .56000+001 .58000+001  
 -I-----SUM-P(I)-----  
 0 .67947+000 .66978+000 .66028+000 .65096+000 .64181+000  
 1 .96259+000 .96002+000 .95740+000 .95473+000 .95202+000  
 2 .99797+000 .99775+000 .99751+000 .99726+000 .99700+000  
 3 .99994+000 .99993+000 .99992+000 .99991+000 .99990+000  
 4 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .12264+000 .12442+000 .12621+000 .12802+000 .12984+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 2

| THETA = .60000+001 |              | .62000+001 | .64000+001 | .66000+001 | .68000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .63284+000   | .62403+000 | .61540+000 | .60692+000 | .59859+000 |
| 1                  | .94926+000   | .94645+000 | .94361+000 | .94072+000 | .93780+000 |
| 2                  | .99672+000   | .99643+000 | .99612+000 | .99580+000 | .99546+000 |
| 3                  | .99988+000   | .99987+000 | .99985+000 | .99984+000 | .99982+000 |
| 4                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .13168+000 | .13354+000 | .13541+000 | .13731+000 | .13922+000 |

| THETA = .70000+001 |              | .72000+001 | .74000+001 | .76000+001 | .78000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .59042+000   | .58240+000 | .57453+000 | .56680+000 | .55920+000 |
| 1                  | .93484+000   | .93185+000 | .92882+000 | .92577+000 | .92268+000 |
| 2                  | .99511+000   | .99475+000 | .99437+000 | .99397+000 | .99356+000 |
| 3                  | .99980+000   | .99978+000 | .99976+000 | .99973+000 | .99971+000 |
| 4                  | 1.00000      | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 5                  |              | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .14114+000 | .14308+000 | .14505+000 | .14703+000 | .14902+000 |

| THETA = .80000+001 |              | .82000+001 | .84000+001 | .86000+001 | .88000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .55174+000   | .54442+000 | .53722+000 | .53015+000 | .52321+000 |
| 1                  | .91957+000   | .91644+000 | .91328+000 | .91009+000 | .90689+000 |
| 2                  | .99314+000   | .99270+000 | .99225+000 | .99178+000 | .99130+000 |
| 3                  | .99968+000   | .99965+000 | .99962+000 | .99959+000 | .99955+000 |
| 4                  | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 5                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .15104+000 | .15307+000 | .15512+000 | .15719+000 | .15927+000 |

| THETA = .90000+001 |              | .92000+001 | .94000+001 | .96000+001 | .98000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .51638+000   | .50967+000 | .50308+000 | .49660+000 | .49023+000 |
| 1                  | .90366+000   | .90042+000 | .89716+000 | .89388+000 | .89059+000 |
| 2                  | .99080+000   | .99029+000 | .98977+000 | .98923+000 | .98867+000 |
| 3                  | .99952+000   | .99948+000 | .99944+000 | .99940+000 | .99935+000 |
| 4                  | .99998+000   | .99998+000 | .99998+000 | .99998+000 | .99998+000 |
| 5                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .16138+000 | .16350+000 | .16565+000 | .16781+000 | .16999+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 3 U3 = 2

THETA= .10000+002 .10200+002 .10400+002 .10600+002 .10800+002  
 -I-----SUM-P(I)-----  
 0 .48397+000 .47781+000 .47176+000 .46581+000 .45996+000  
 1 .88728+000 .88396+000 .88062+000 .87728+000 .87392+000  
 2 .98811+000 .98752+000 .98693+000 .98632+000 .98569+000  
 3 .99931+000 .99926+000 .99921+000 .99916+000 .99910+000  
 4 .99998+000 .99997+000 .99997+000 .99997+000 .99997+000  
 5 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .17219+000 .17441+000 .17664+000 .17890+000 .18118+000

THETA= .11000+002 .11200+002 .11400+002 .11600+002 .11800+002  
 -I-----SUM-P(I)-----  
 0 .45420+000 .44854+000 .44297+000 .43750+000 .43211+000  
 1 .87056+000 .86718+000 .86380+000 .86041+000 .85701+000  
 2 .98505+000 .98440+000 .98373+000 .98305+000 .98236+000  
 3 .99905+000 .99899+000 .99893+000 .99886+000 .99880+000  
 4 .99996+000 .99996+000 .99996+000 .99995+000 .99995+000  
 5 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .18347+000 .18579+000 .18812+000 .19048+000 .19285+000

THETA= .12000+002 .12200+002 .12400+002 .12600+002 .12800+002  
 -I-----SUM-P(I)-----  
 0 .42681+000 .42159+000 .41646+000 .41141+000 .40643+000  
 1 .85361+000 .85021+000 .84680+000 .84338+000 .83997+000  
 2 .98165+000 .98093+000 .98020+000 .97945+000 .97870+000  
 3 .99873+000 .99866+000 .99858+000 .99851+000 .99843+000  
 4 .99995+000 .99994+000 .99994+000 .99993+000 .99993+000  
 5 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .19525+000 .19766+000 .20010+000 .20256+000 .20503+000

THETA= .13000+002 .13200+002 .13400+002 .13600+002 .13800+002  
 -I-----SUM-P(I)-----  
 0 .40154+000 .39673+000 .39199+000 .38732+000 .38273+000  
 1 .83655+000 .83313+000 .82970+000 .82628+000 .82286+000  
 2 .97792+000 .97714+000 .97634+000 .97553+000 .97471+000  
 3 .99834+000 .99826+000 .99817+000 .99808+000 .99799+000  
 4 .99992+000 .99992+000 .99991+000 .99991+000 .99990+000  
 5 1.00000 1.00000 1.00000 1.00000 1.00000  
 H = .20753+000 .21005+000 .21259+000 .21515+000 .21774+000

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 3 U3 = 2

| THETA = | .14000+002 | .14200+002 | .14400+002 | .14600+002 | .14800+002 |
|---------|------------|------------|------------|------------|------------|
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .37820+000 | .37375+000 | .36936+000 | .36504+000 | .36079+000 |
| 1       | .81944+000 | .81302+000 | .81260+000 | .80918+000 | .80577+000 |
| 2       | .97387+000 | .97302+000 | .97216+000 | .97129+000 | .97041+000 |
| 3       | .99789+000 | .99780+000 | .99770+000 | .99759+000 | .99748+000 |
| 4       | .99990+000 | .99989+000 | .99988+000 | .99988+000 | .99987+000 |
| 5       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .22034+000 | .22297+000 | .22561+000 | .22828+000 | .23097+000 |
| THETA = | .15000+002 | .15500+002 | .16000+002 | .16500+002 | .17000+002 |
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .35660+000 | .34640+000 | .33658+000 | .32712+000 | .31799+000 |
| 1       | .80236+000 | .79384+000 | .78536+000 | .77690+000 | .76849+000 |
| 2       | .96951+000 | .96723+000 | .96487+000 | .96244+000 | .95994+000 |
| 3       | .99737+000 | .99709+000 | .99678+000 | .99645+000 | .99611+000 |
| 4       | .99986+000 | .99984+000 | .99982+000 | .99980+000 | .99977+000 |
| 5       | 1.00000    | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 6       |            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .23369+000 | .24057+000 | .24759+000 | .25475+000 | .26206+000 |
| THETA = | .17500+002 | .18000+002 | .18500+002 | .19000+002 | .19500+002 |
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .30920+000 | .30071+000 | .29253+000 | .28462+000 | .27699+000 |
| 1       | .76011+000 | .75178+000 | .74350+000 | .73526+000 | .72711+000 |
| 2       | .95739+000 | .95476+000 | .95208+000 | .94934+000 | .94654+000 |
| 3       | .99574+000 | .99536+000 | .99495+000 | .99453+000 | .99408+000 |
| 4       | .99974+000 | .99971+000 | .99967+000 | .99964+000 | .99960+000 |
| 5       | .99999+000 | .99999+000 | .99999+000 | .99998+000 | .99998+000 |
| 6       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .26951+000 | .27712+000 | .28488+000 | .29278+000 | .30085+000 |
| THETA = | .20000+002 | .21000+002 | .22000+002 | .23000+002 | .24000+002 |
| -I-     | SUM-P(I)   |            |            |            |            |
| 0       | .26962+000 | .25562+000 | .24254+000 | .23029+000 | .21883+000 |
| 1       | .71899+000 | .70296+000 | .68719+000 | .67169+000 | .65648+000 |
| 2       | .94368+000 | .93781+000 | .93174+000 | .92549+000 | .91907+000 |
| 3       | .99361+000 | .99261+000 | .99152+000 | .99035+000 | .98909+000 |
| 4       | .99956+000 | .99946+000 | .99935+000 | .99923+000 | .99909+000 |
| 5       | .99998+000 | .99997+000 | .99997+000 | .99996+000 | .99995+000 |
| 6       | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H =     | .30907+000 | .32600+000 | .34359+000 | .36186+000 | .38082+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 2

THETA = .25000+002 .30000+002 .35000+002 .40000+002 .45000+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .20807+000   | .16328+000 | .12994+000 | .10464+000 | .85149-001 |
| 1   | .64156+000   | .57148+000 | .50892+000 | .45346+000 | .40446+000 |
| 2   | .91248+000   | .87763+000 | .84053+000 | .80227+000 | .76368+000 |
| 3   | .98774+000   | .97968+000 | .96949+000 | .95729+000 | .94329+000 |
| 4   | .99894+000   | .99791+000 | .99635+000 | .99421+000 | .99140+000 |
| 5   | .99994+000   | .99986+000 | .99971+000 | .99948+000 | .99913+000 |
| 6   | 1.00000      | .99999+000 | .99998+000 | .99997+000 | .99994+000 |
| 7   |              | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .40050+000 | .51037+000 | .64134+000 | .79655+000 | .97868+000 |

THETA = .50000+002 .55000+002 .60000+002 .65000+002 .70000+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .69917-001   | .57872-001 | .48246-001 | .40483-001 | .34168-001 |
| 1   | .36124+000   | .32312+000 | .28948+000 | .25976+000 | .23348+000 |
| 2   | .72538+000   | .68783+000 | .65133+000 | .61610+000 | .58228+000 |
| 3   | .92769+000   | .91071+000 | .89256+000 | .87345+000 | .85357+000 |
| 4   | .98790+000   | .98367+000 | .97871+000 | .97302+000 | .96661+000 |
| 5   | .99865+000   | .99801+000 | .99717+000 | .99614+000 | .99427+000 |
| 6   | .99990+000   | .99983+000 | .99974+000 | .99961+000 | .99945+000 |
| 7   | .99999+000   | .99999+000 | .99998+000 | .99997+000 | .99996+000 |
| 8   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .11319+001 | .14400+001 | .17272+001 | .20585+001 | .24389+001 |

THETA = .75000+002 .80000+002 .85000+002 .90000+002 .95000+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .28993-001   | .24723-001 | .21177-001 | .18216-001 | .15730-001 |
| 1   | .21020+000   | .18954+000 | .17118+000 | .15483+000 | .14026+000 |
| 2   | .54996+000   | .51918+000 | .48994+000 | .46223+000 | .43601+000 |
| 3   | .83310+000   | .81219+000 | .79099+000 | .76962+000 | .74819+000 |
| 4   | .95950+000   | .95172+000 | .94331+000 | .93429+000 | .92472+000 |
| 5   | .99336+000   | .99159+000 | .98955+000 | .98722+000 | .98461+000 |
| 6   | .99924+000   | .99897+000 | .99864+000 | .99825+000 | .99778+000 |
| 7   | .99994+000   | .99991+000 | .99987+000 | .99983+000 | .99977+000 |
| 8   | 1.00000      | .99999+000 | .99999+000 | .99999+000 | .99998+000 |
| 9   |              | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .28742+001 | .33707+001 | .39351+001 | .45748+001 | .52979+001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSSEL DISTRIBUTION

U2 = 3 U3 = 2

THETA = .10000+003

|     |                    |  |  |  |  |
|-----|--------------------|--|--|--|--|
| -I- | -----SUM-P(I)----- |  |  |  |  |
| 0   | .13632+001         |  |  |  |  |
| 1   | .12723+000         |  |  |  |  |
| 2   | .41123+000         |  |  |  |  |
| 3   | .72679+000         |  |  |  |  |
| 4   | .91462+000         |  |  |  |  |
| 5   | .98170+000         |  |  |  |  |
| 6   | .99723+000         |  |  |  |  |
| 7   | .99969+000         |  |  |  |  |
| 8   | .99997+000         |  |  |  |  |
| 9   | 1.00000            |  |  |  |  |
| H   | = .61131+001       |  |  |  |  |

U2 = 3 U3 = 3

|                    |                    |            |            |            |            |
|--------------------|--------------------|------------|------------|------------|------------|
| THETA = .00000+000 | .10000-001         | .20000-001 | .30000-001 | .40000-001 |            |
| -I-                | -----SUM-P(I)----- |            |            |            |            |
| 0                  | 1.00000            | .99938+000 | .99875+000 | .99613+000 | .99750+000 |
| 1                  |                    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .27778-001       | .27795-001 | .27813-001 | .27830-001 | .27847-001 |

|                    |                    |            |            |            |            |
|--------------------|--------------------|------------|------------|------------|------------|
| THETA = .50000-001 | .60000-001         | .70000-001 | .80000-001 | .90000-001 |            |
| -I-                | -----SUM-P(I)----- |            |            |            |            |
| 0                  | .99688+000         | .99626+000 | .99564+000 | .99502+000 | .99440+000 |
| 1                  | 1.00000            | 1.00000    | .99999+000 | .99993+000 | .99999+000 |
| 2                  |                    |            | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .27865-001       | .27882-001 | .27899-001 | .27917-001 | .27934-001 |

|                    |                    |            |            |            |            |
|--------------------|--------------------|------------|------------|------------|------------|
| THETA = .10000+000 | .11000+000         | .12000+000 | .13000+000 | .14000+000 |            |
| -I-                | -----SUM-P(I)----- |            |            |            |            |
| 0                  | .99378+000         | .99316+000 | .99254+000 | .99192+000 | .99130+000 |
| 1                  | .99999+000         | .99998+000 | .99998+000 | .99998+000 | .99998+000 |
| 2                  | 1.00000            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .27992-001       | .27969-001 | .27987-001 | .28004-001 | .28022-001 |

|                    |                    |            |            |            |            |
|--------------------|--------------------|------------|------------|------------|------------|
| THETA = .15000+000 | .16000+000         | .17000+000 | .18000+000 | .19000+000 |            |
| -I-                | -----SUM-P(I)----- |            |            |            |            |
| 0                  | .99068+000         | .99007+000 | .98945+000 | .98884+000 | .98822+000 |
| 1                  | .99997+000         | .99997+000 | .99996+000 | .99996+000 | .99996+000 |
| 2                  | 1.00000            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .28039-001       | .28056-001 | .28074-001 | .28091-001 | .28109-001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 3

THETA= .20000+000 .21000+000 .22000+000 .23000+000 .24000+000

|     |                    |            |            |            |            |
|-----|--------------------|------------|------------|------------|------------|
| -I- | -----SUM-P(I)----- |            |            |            |            |
| 0   | .98761+000         | .98699+000 | .98638+000 | .98576+000 | .98515+000 |
| 1   | .99995+000         | .99995+000 | .99994+000 | .99993+000 | .99993+000 |
| 2   | 1.00000            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .28126-001       | .28144-001 | .28161-001 | .28179-001 | .28196-001 |

THETA= .25000+000 .26000+000 .27000+000 .28000+000 .29000+000

|     |                    |            |            |            |            |
|-----|--------------------|------------|------------|------------|------------|
| -I- | -----SUM-P(I)----- |            |            |            |            |
| 0   | .98454+000         | .98393+000 | .98332+000 | .98271+000 | .98210+000 |
| 1   | .99997+000         | .99992+000 | .99991+000 | .99990+000 | .99990+000 |
| 2   | 1.00000            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .28214-001       | .28232-001 | .28249-001 | .28267-001 | .28284-001 |

THETA= .30000+000 .31000+000 .32000+000 .33000+000 .34000+000

|     |                    |            |            |            |            |
|-----|--------------------|------------|------------|------------|------------|
| -I- | -----SUM-P(I)----- |            |            |            |            |
| 0   | .98149+000         | .98088+000 | .98027+000 | .97966+000 | .97905+000 |
| 1   | .99989+000         | .99988+000 | .99987+000 | .99987+000 | .99986+000 |
| 2   | 1.00000            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .28302-001       | .28319-001 | .28337-001 | .28354-001 | .28372-001 |

THETA= .35000+000 .36000+000 .37000+000 .38000+000 .39000+000

|     |                    |            |            |            |            |
|-----|--------------------|------------|------------|------------|------------|
| -I- | -----SUM-P(I)----- |            |            |            |            |
| 0   | .97845+000         | .97784+000 | .97723+000 | .97663+000 | .97602+000 |
| 1   | .99985+000         | .99984+000 | .99983+000 | .99982+000 | .99981+000 |
| 2   | 1.00000            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .28390-001       | .28407-001 | .28425-001 | .28443-001 | .28460-001 |

THETA= .40000+000 .41000+000 .42000+000 .43000+000 .44000+000

|     |                    |            |            |            |            |
|-----|--------------------|------------|------------|------------|------------|
| -I- | -----SUM-P(I)----- |            |            |            |            |
| 0   | .97542+000         | .97481+000 | .97421+000 | .97361+000 | .97301+000 |
| 1   | .99980+000         | .99979+000 | .99978+000 | .99977+000 | .99976+000 |
| 2   | 1.00000            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .28478-001       | .28495-001 | .28513-001 | .28531-001 | .28548-001 |

THETA= .45000+000 .46000+000 .47000+000 .48000+000 .49000+000

|     |                    |            |            |            |            |
|-----|--------------------|------------|------------|------------|------------|
| -I- | -----SUM-P(I)----- |            |            |            |            |
| 0   | .97240+000         | .97180+000 | .97120+000 | .97060+000 | .97000+000 |
| 1   | .99975+000         | .99974+000 | .99973+000 | .99972+000 | .99971+000 |
| 2   | 1.00000            | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .28566-001       | .28584-001 | .28601-001 | .28619-001 | .28637-001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 3 U3 = 3

| THETA = .50000+000 |              | .60000+000 | .70000+000 | .80000+000 | .90000+000 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .96940+000   | .96344+000 | .95752+000 | .95165+000 | .94583+000 |
| 1                  | .99970+000   | .99956+000 | .99941+000 | .99923+000 | .99903+000 |
| 2                  | 1.00000      | 1.00000    | 1.00000    | .99999+000 | .99999+000 |
| 3                  |              |            |            | 1.00000    | 1.00000    |
| H                  | = .29655-001 | .28832-001 | .29010-001 | .29189-001 | .29369-001 |
| THETA = .10000+001 |              | .11000+001 | .12000+001 | .13000+001 | .14000+001 |
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .94006+000   | .93434+000 | .92866+000 | .92303+000 | .91745+000 |
| 1                  | .99881+000   | .99857+000 | .99831+000 | .99803+000 | .99772+000 |
| 2                  | .99999+000   | .99999+000 | .99998+000 | .99998+000 | .99997+000 |
| 3                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .29549-001 | .29730-001 | .29912-001 | .30094-001 | .30277-001 |
| THETA = .15000+001 |              | .16000+001 | .17000+001 | .18000+001 | .19000+001 |
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .91191+000   | .90641+000 | .90097+000 | .89556+000 | .89020+000 |
| 1                  | .99740+000   | .99706+000 | .99669+000 | .99631+000 | .99591+000 |
| 2                  | .99996+000   | .99996+000 | .99995+000 | .99994+000 | .99993+000 |
| 3                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .30461-001 | .30646-001 | .30831-001 | .31017-001 | .31204-001 |
| THETA = .20000+001 |              | .21000+001 | .22000+001 | .23000+001 | .24000+001 |
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .88488+000   | .87961+000 | .87437+000 | .86918+000 | .86403+000 |
| 1                  | .99549+000   | .99506+000 | .99460+000 | .99413+000 | .99364+000 |
| 2                  | .99992+000   | .99990+000 | .99989+000 | .99988+000 | .99986+000 |
| 3                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .31391-001 | .31580-001 | .31769-001 | .31958-001 | .32149-001 |
| THETA = .25000+001 |              | .26000+001 | .27000+001 | .28000+001 | .29000+001 |
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .85893+000   | .85386+000 | .84883+000 | .84384+000 | .83889+000 |
| 1                  | .99313+000   | .99261+000 | .99207+000 | .99151+000 | .99094+000 |
| 2                  | .99984+000   | .99982+000 | .99980+000 | .99978+000 | .99976+000 |
| 3                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .32340-001 | .32532-001 | .32725-001 | .32918-001 | .33112-001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 3

| THETA = .30000+001 |              | .31000+001 | .32000+001 | .33000+001 | .34000+001 |
|--------------------|--------------|------------|------------|------------|------------|
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .83398+000   | .82911+000 | .82428+000 | .81948+000 | .81472+000 |
| 1                  | .99035+000   | .98975+000 | .98913+000 | .98850+000 | .98785+000 |
| 2                  | .99974+000   | .99971+000 | .99968+000 | .99965+000 | .99962+000 |
| 3                  | 1.00000      | 1.00000    | .99999+000 | .99999+000 | .99999+000 |
| 4                  |              |            | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .33307-001 | .33503-001 | .33700-001 | .33897-001 | .34095-001 |
| THETA = .35000+001 |              | .36000+001 | .37000+001 | .38000+001 | .39000+001 |
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .81000+000   | .80532+000 | .80067+000 | .79605+000 | .79148+000 |
| 1                  | .98719+000   | .98651+000 | .98582+000 | .98512+000 | .98440+000 |
| 2                  | .99959+000   | .99956+000 | .99952+000 | .99948+000 | .99945+000 |
| 3                  | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 4                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .34294-001 | .34493-001 | .34693-001 | .34894-001 | .35096-001 |
| THETA = .40000+001 |              | .41000+001 | .42000+001 | .43000+001 | .44000+001 |
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .78693+000   | .78243+000 | .77795+000 | .77351+000 | .76911+000 |
| 1                  | .99367+000   | .98292+000 | .98216+000 | .98139+000 | .98061+000 |
| 2                  | .99941+000   | .99936+000 | .99932+000 | .99927+000 | .99922+000 |
| 3                  | .99999+000   | .99999+000 | .99999+000 | .99998+000 | .99998+000 |
| 4                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .35299-001 | .35502-001 | .35706-001 | .35911-001 | .36117-001 |
| THETA = .45000+001 |              | .46000+001 | .47000+001 | .48000+001 | .49000+001 |
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .76474+000   | .76040+000 | .75609+000 | .75192+000 | .74757+000 |
| 1                  | .97982+000   | .97901+000 | .97819+000 | .97736+000 | .97652+000 |
| 2                  | .99917+000   | .99912+000 | .99907+000 | .99901+000 | .99896+000 |
| 3                  | .99998+000   | .99998+000 | .99998+000 | .99998+000 | .99997+000 |
| 4                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .36323-001 | .36531-001 | .36739-001 | .36948-001 | .37157-001 |
| THETA = .50000+001 |              | .52000+001 | .54000+001 | .56000+001 | .58000+001 |
| -I-                |              | SUM-P(I)   |            |            |            |
| 0                  | .74336+000   | .73504+000 | .72684+000 | .71876+000 | .71079+000 |
| 1                  | .97567+000   | .97393+000 | .97214+000 | .97032+000 | .96846+000 |
| 2                  | .99890+000   | .99877+000 | .99864+000 | .99850+000 | .99835+000 |
| 3                  | .99997+000   | .99997+000 | .99996+000 | .99996+000 | .99995+000 |
| 4                  | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H                  | = .37368-001 | .37791-001 | .38217-001 | .38647-001 | .39080-001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 3

THETA = .50000+001 .62000+001 .64000+001 .66000+001 .68000+001

|     |            |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| -I- |            | SUM-P(I)   |            |            |            |
| 0   | .70295+000 | .69522+000 | .68760+000 | .68009+000 | .67269+000 |
| 1   | .96656+000 | .96462+000 | .96264+000 | .96063+000 | .95858+000 |
| 2   | .99819+000 | .99802+000 | .99784+000 | .99766+000 | .99747+000 |
| 3   | .99995+000 | .99994+000 | .99993+000 | .99992+000 | .99991+000 |
| 4   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H = | .39516-001 | .39955-001 | .40398-001 | .40844-001 | .41294-001 |

THETA = .70000+001 .72000+001 .74000+001 .76000+001 .78000+001

|     |            |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| -I- |            | SUM-P(I)   |            |            |            |
| 0   | .66540+000 | .65821+000 | .65112+000 | .64413+000 | .63724+000 |
| 1   | .95651+000 | .95440+000 | .95226+000 | .95009+000 | .94790+000 |
| 2   | .99726+000 | .99705+000 | .99683+000 | .99660+000 | .99636+000 |
| 3   | .99990+000 | .99989+000 | .99988+000 | .99987+000 | .99986+000 |
| 4   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H = | .41746-001 | .42202-001 | .42662-001 | .43125-001 | .43591-001 |

THETA = .80000+001 .82000+001 .84000+001 .86000+001 .88000+001

|     |            |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| -I- |            | SUM-P(I)   |            |            |            |
| 0   | .63045+000 | .62375+000 | .61715+000 | .61063+000 | .60421+000 |
| 1   | .94567+000 | .94342+000 | .94115+000 | .93885+000 | .93653+000 |
| 2   | .99611+000 | .99585+000 | .99558+000 | .99530+000 | .99501+000 |
| 3   | .99984+000 | .99983+000 | .99981+000 | .99980+000 | .99978+000 |
| 4   | 1.00000    | 1.00000    | 1.00000    | .99999+000 | .99999+000 |
| 5   |            |            |            | 1.00000    | 1.00000    |
| H = | .44060-001 | .44533-001 | .45010-001 | .45490-001 | .45974-001 |

THETA = .90000+001 .92000+001 .94000+001 .96000+001 .98000+001

|     |            |            |            |            |            |
|-----|------------|------------|------------|------------|------------|
| -I- |            | SUM-P(I)   |            |            |            |
| 0   | .59788+000 | .59163+000 | .58547+000 | .57939+000 | .57339+000 |
| 1   | .93418+000 | .93182+000 | .92943+000 | .92702+000 | .92460+000 |
| 2   | .99472+000 | .99441+000 | .99409+000 | .99377+000 | .99343+000 |
| 3   | .99976+000 | .99974+000 | .99972+000 | .99970+000 | .99968+000 |
| 4   | .99999+000 | .99999+000 | .99999+000 | .99999+000 | .99999+000 |
| 5   | 1.00000    | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H = | .46461-001 | .46951-001 | .47446-001 | .47943-001 | .48445-001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSLE DISTRIBUTION

U2 = 3 U3 = 3

THETA = .10000+002 .10200+002 .10400+002 .10600+002 .10800+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .56748+000   | .56164+000 | .55589+000 | .55020+000 | .54460+000 |
| 1   | .92215+000   | .91969+000 | .91721+000 | .91472+000 | .91220+000 |
| 2   | .99309+000   | .99273+000 | .99237+000 | .99199+000 | .99161+000 |
| 3   | .99965+000   | .99963+000 | .99960+000 | .99958+000 | .99955+000 |
| 4   | .99999+000   | .99999+000 | .99999+000 | .99999+000 | .99998+000 |
| 5   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .48950-001 | .49458-001 | .49970-001 | .50486-001 | .51006-001 |

THETA = .11000+002 .11200+002 .11400+002 .11600+002 .11800+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .53907+000   | .53361+000 | .52823+000 | .52291+000 | .51766+000 |
| 1   | .90968+000   | .90714+000 | .90459+000 | .90202+000 | .89944+000 |
| 2   | .99121+000   | .99081+000 | .99040+000 | .98997+000 | .98954+000 |
| 3   | .99952+000   | .99949+000 | .99945+000 | .99942+000 | .99938+000 |
| 4   | .99998+000   | .99998+000 | .99998+000 | .99998+000 | .99998+000 |
| 5   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .51529-001 | .52056-001 | .52587-001 | .53122-001 | .53660-001 |

THETA = .12000+002 .12200+002 .12400+002 .12600+002 .12800+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .51249+000   | .50738+000 | .50233+000 | .49735+000 | .49244+000 |
| 1   | .89685+000   | .89425+000 | .89164+000 | .88902+000 | .88638+000 |
| 2   | .97910+000   | .98865+000 | .98819+000 | .98771+000 | .98723+000 |
| 3   | .99935+000   | .99931+000 | .99927+000 | .99923+000 | .99919+000 |
| 4   | .99998+000   | .99997+000 | .99997+000 | .99997+000 | .99997+000 |
| 5   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .54202-001 | .54748-001 | .55298-001 | .55851-001 | .56409-001 |

THETA = .13000+002 .13200+002 .13400+002 .13600+002 .13800+002

| -I- | SUM-P(I)     |            |            |            |            |
|-----|--------------|------------|------------|------------|------------|
| 0   | .48758+000   | .48279+000 | .47806+000 | .47339+000 | .46878+000 |
| 1   | .88374+000   | .88109+000 | .87844+000 | .87577+000 | .87310+000 |
| 2   | .98674+000   | .98625+000 | .98574+000 | .98522+000 | .98469+000 |
| 3   | .99914+000   | .99910+000 | .99905+000 | .99900+000 | .99895+000 |
| 4   | .99997+000   | .99996+000 | .99996+000 | .99996+000 | .99996+000 |
| 5   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |
| H   | = .56970-001 | .57536-001 | .58105-001 | .58678-001 | .59256-001 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 3

THETA = .14000+002 .14200+002 .14400+002 .14600+002 .14800+002

| -I- |              | SUM-P(I)   |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | .46422+000   | .45973+000 | .45529+000 | .45090+000 | .44657+000 |  |
| 1   | .87042+000   | .86774+000 | .86505+000 | .86235+000 | .85965+000 |  |
| 2   | .98416+000   | .98361+000 | .98306+000 | .98249+000 | .98192+000 |  |
| 3   | .99890+000   | .99885+000 | .99879+000 | .99873+000 | .99867+000 |  |
| 4   | .99995+000   | .99995+000 | .99995+000 | .99994+000 | .99994+000 |  |
| 5   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |  |
| H   | = .59837-001 | .60422-001 | .61012-001 | .61605-001 | .62202-001 |  |

THETA = .15000+002 .15500+002 .16000+002 .16500+002 .17000+002

| -I- |              | SUM-P(I)   |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | .44229+000   | .43183+000 | .42168+000 | .41183+000 | .40228+000 |  |
| 1   | .85694+000   | .85016+000 | .84336+000 | .83654+000 | .82971+000 |  |
| 2   | .98134+000   | .97984+000 | .97829+000 | .97669+000 | .97503+000 |  |
| 3   | .99861+000   | .99845+000 | .99828+000 | .99810+000 | .99791+000 |  |
| 4   | .99994+000   | .99993+000 | .99992+000 | .99990+000 | .99989+000 |  |
| 5   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |  |
| H   | = .62804-001 | .64326-001 | .65874-001 | .67449-001 | .69050-001 |  |

THETA = .17500+002 .18000+002 .18500+002 .19000+002 .19500+002

| -I- |              | SUM-P(I)   |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | .39301+000   | .38402+000 | .37528+000 | .36680+000 | .35856+000 |  |
| 1   | .82287+000   | .81603+000 | .80920+000 | .80237+000 | .79555+000 |  |
| 2   | .97332+000   | .97156+000 | .96975+000 | .96788+000 | .96597+000 |  |
| 3   | .99770+000   | .99748+000 | .99725+000 | .99703+000 | .99674+000 |  |
| 4   | .99988+000   | .99986+000 | .99984+000 | .99983+000 | .99981+000 |  |
| 5   | 1.00000      | .99999+000 | .99999+000 | .99999+000 | .99999+000 |  |
| 6   |              | 1.00000    | 1.00000    | 1.00000    | 1.00000    |  |
| H   | = .70679-001 | .72335-001 | .74019-001 | .75731-001 | .77471-001 |  |

THETA = .20000+002 .21000+002 .22000+002 .23000+002 .24000+002

| -I- |              | SUM-P(I)   |            |            |            |  |
|-----|--------------|------------|------------|------------|------------|--|
| 0   | .35055+000   | .33521+000 | .32071+000 | .30700+000 | .29402+000 |  |
| 1   | .79874+000   | .77517+000 | .76169+000 | .74831+000 | .73505+000 |  |
| 2   | .96401+000   | .95996+000 | .95572+000 | .95131+000 | .94674+000 |  |
| 3   | .99647+000   | .99589+000 | .99524+000 | .99454+000 | .99379+000 |  |
| 4   | .99978+000   | .99974+000 | .99968+000 | .99962+000 | .99955+000 |  |
| 5   | .99999+000   | .99999+000 | .99999+000 | .99998+000 | .99998+000 |  |
| 6   | 1.00000      | 1.00000    | 1.00000    | 1.00000    | 1.00000    |  |
| H   | = .79240-001 | .82867-001 | .86613-001 | .90482-001 | .94476-001 |  |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 3

| THETA = | .25000+002 | .30000+002 | .35000+002 | .40000+002 | .45000+002 |
|---------|------------|------------|------------|------------|------------|
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .28173+000 | .22909+000 | .18818+000 | .15595+000 | .13024+000 |
| 1       | .72192+000 | .65863+000 | .59983+000 | .54581+000 | .49655+000 |
| 2       | .94202+000 | .91636+000 | .88798+000 | .85771+000 | .82622+000 |
| 3       | .99297+000 | .98795+000 | .98136+000 | .97322+000 | .96359+000 |
| 4       | .99947+000 | .99891+000 | .99804+000 | .99680+000 | .99513+000 |
| 5       | .99997+000 | .99993+000 | .99986+000 | .99974+000 | .99956+000 |
| 6       | 1.00000    | 1.00000    | .99999+000 | .99999+000 | .99997+000 |
| 7       |            |            | 1.00000    | 1.00000    | 1.00000    |
| H =     | .98599-001 | .12125+000 | .14761+000 | .17812+000 | .21328+000 |
| THETA = | .50000+002 | .55000+002 | .60000+002 | .65000+002 | .70000+002 |
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .10953+000 | .92687-001 | .78876-001 | .67467-001 | .57980-001 |
| 1       | .45181+000 | .41130+000 | .37466+000 | .34155+000 | .31164+000 |
| 2       | .79410+000 | .76177+000 | .72960+000 | .69787+000 | .66677+000 |
| 3       | .95256+000 | .94025+000 | .92679+000 | .91231+000 | .89694+000 |
| 4       | .99298+000 | .99034+000 | .98716+000 | .98343+000 | .97915+000 |
| 5       | .99930+000 | .99894+000 | .99848+000 | .99788+000 | .99713+000 |
| 6       | .99995+000 | .99992+000 | .99987+000 | .99981+000 | .99972+000 |
| 7       | 1.00000    | 1.00000    | .99999+000 | .99999+000 | .99998+000 |
| 8       |            |            | 1.00000    | 1.00000    | 1.00000    |
| H =     | .25361+000 | .29969+000 | .35217+000 | .41172+000 | .47909+000 |
| THETA = | .75000+002 | .80000+002 | .85000+002 | .90000+002 | .95000+002 |
| -I-     |            |            | SUM-P(I)   |            |            |
| 0       | .50042-001 | .43363-001 | .37714-001 | .32914-001 | .28818-001 |
| 1       | .28461+000 | .26018+000 | .23807+000 | .21806+000 | .19992+000 |
| 2       | .63647+000 | .60708+000 | .57868+000 | .55132+000 | .52502+000 |
| 3       | .88081+000 | .86404+000 | .84675+000 | .82903+000 | .81099+000 |
| 4       | .97431+000 | .96893+000 | .96300+000 | .95655+000 | .94960+000 |
| 5       | .99623+000 | .99515+000 | .99388+000 | .99242+000 | .99075+000 |
| 6       | .99961+000 | .99946+000 | .99928+000 | .99906+000 | .99879+000 |
| 7       | .99997+000 | .99996+000 | .99994+000 | .99991+000 | .99988+000 |
| 8       | 1.00000    | 1.00000    | 1.00000    | .99999+000 | .99999+000 |
| 9       |            |            |            | 1.00000    | 1.00000    |
| H =     | .55509+000 | .64059+000 | .73653+000 | .84394+000 | .96391+000 |

CUMULATIVE DISTRIBUTION FUNCTION OF THE THREE-FACTOR  
GENERALIZED INCOMPLETE MODIFIED BESSEL DISTRIBUTION

U2 = 3 U3 = 3

THETA= .10000+003

| -I- | SUM-P(I)     |
|-----|--------------|
| 0   | .25307+001   |
| 1   | .19348+000   |
| 2   | .49982+000   |
| 3   | .79272+000   |
| 4   | .94216+000   |
| 5   | .98886+000   |
| 6   | .99847+000   |
| 7   | .99985+000   |
| 8   | .99999+000   |
| 9   | 1.00000      |
| H   | = .10976+001 |